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Pruce's
Seeds

FOR 1914



The Pioneer Seed House of Canada

ESTABLISHED 1850

OUR ILLUSTRATIONS

Our cover illustrations this year are Petunias and Salpiglossis, and are painted from nature.

These beautiful flowers, the last of which is not well known in Canada, are unequalled for profusion of bloom and the shades of coloring are exquisite, while they bloom practically all summer and fall, till cut down by frost.

They are easy to grow and no garden is complete without them, and we recommend them to all lovers of flowers.

NOVELTIES

See pages 2, 3, 4, 5 for Vegetable Novelties, and pages 41, 42, 43 44 for Flower Seed Novelties. Plants, a fine collection, pages 79 to 89.

SEEDS IN COLLECTIONS

No. 1—Vegetable. 1 pkt. each Beet, Carrot, Lettuce, Onion, Parsnip, Radish and Turnip, our selection; 7 packets. Retail value 35c, for 25c postpaid.

No. 2—Vegetable. 1 pkt. each Beet, Cabbage, Carrot, Cucumber, Lettuce, Water Melon, Onion, Parsnip, Parsley, Pumpkin, Radish, Spinage, Squash and Turnip, our selection; 14 packets. Retail value 70c, for 50c postpaid.

No. 3—Vegetable. 1 pkt. each Beet, Cabbage, Carrot, Cucumber, Lettuce, Onion, Parsley, Parsnip, Pumpkin, Radish, Spinage, Squash and Turnip. ½ pint Garden Beans, ½ lb. Sweet Corn and ¼ pint Garden Peas, our selection. Retail value \$1.00, for 75c postpaid.

No. 4—Vegetable. 1 pkt. each Beet, Cabbage, Carrot, Cucumber, Lettuce, Water Melon, Onion, Parsley, Parsnip, Pumpkin, Radish, Spinage, Squash and Turnip, 1 pint Garden Beans, 1 lb. Sweet Corn and ½ pint Garden Peas, our selection. Retail value \$1.35, for \$1.00 postpaid.

No. 5—Root Seeds. 1 pkt. each 2 best varieties Sugar Beets, 2 best varieties Field Carrot, 3 best varieties Mangels, and 3 best varieties Field Turnips, our selection. Retail value 50c, for 35c postpaid.

No. 6—Floral. 1 pkt. each Balsam, Candytuft, Dianthus (Pinks), Eschscholtzia (California Poppy), Phlox Drummondii, Petunia, Verbena, and Zinnia, 8 packets. Retail value 40c, for 25c postpaid.

No. 7—Floral. Bruce's Royal Nosegay Sweet Peas. See page 40. Four exquisite distinct varieties. Retail value 40c, for 25c postpaid.

No. 8—Floral. Bruce's Spencer Novelties Sweet Peas. See page 40. Five grand new sorts. Retail value 75c, for 50c postpaid.

No. 9—Floral. Bruce's Peerless Dwarf Nasturtiums. See page 40. Seven grand distinct varieties. Retail value 35c, for 25c postpaid.

No. 10—Floral. Bruce's Peerless Tall Nasturtiums. See page 40. Seven splendid distinct varieties. Retail value 35c, for 25c postpaid.

No. 11—Floral. Bruce's Empire Asters. See page 40. Five superb distinct varieties. Retail value 45c, for 25c postpaid.

Note—None of the above collections can be changed in their make-up. Full size packets are used in all cases. Remittances must accompany order. All the above collections will be sent postpaid to United States except Nos. 3 and 4, to which add 20c and 35c respectively for extra postage. Postage to Newfoundland is 15c per lb. or any part of a pound; add 15c extra for postage there on any of above collections except Nos. 3 and 4, to which add 20c and 35c respectively.

DISCOUNTS ON SEEDS IN PACKETS ONLY

Those who remit \$1 00 for Seeds in Packets may select to the value of \$1 25

"	"	2 00	"	"	"	"	2 50
"	"	3 00	"	"	"	"	3 75
"	"	4 00	"	"	"	"	5 00
"	"	5 00	"	"	"	"	6 25

These Discounts apply to Vegetable and Flower Seeds in Packets only, and only when remittances accompany order. Seeds offered in Special Collections, also Novelties, are not subject to discounts.

Seeds are frequently offered in packets at lower prices than our Catalogue quotations; this is done by reducing the size of the packet. Where seeds are not sold by weight we always give full size packet.

CHANGE IN PRICES

Kindly note that owing to very short crop, which was not known when the early pages of this Catalogue were printed, the price of Dwarf Yellow Podded Wax Beans has advanced as follows: Add to price of Black, Golden and Detroit Wax 25c a peck. Add to price of Davis, Flageolet, Wardwell's, Valentine, Brittle, Refugee and Pencil Pod Wax 5c pint, 5c quart, 35c peck.

Every Customer ordering goods from us to value of 25c and over, who will send the names of neighbors or friends having gardens and who have not been using our Seeds, will receive a Packet of some useful Vegetable or Flower Seed for their kindness. This offer good only till 15th April.

BUSINESS ESTABLISHED 1850.

Office and Warehouse, Cor. King and Macnab Streets.

JOHN A. BRUCE & CO., LIMITED

EXPORTERS OF CLOVER AND GRASS SEEDS SEED GROWERS AND MERCHANTS

HAMILTON, CANADA, January 1st, 1914.

■ N presenting the SIXTY-THIRD ANNUAL EDITION OF OUR ILLUSTRATED CATALOGUE OF SEEDS FOR THE FARM, VEGETABLE AND FLOWER GARDEN, GREENHOUSE AND FOREST, of Garden Implements and Agricultural and Horticultural Sundries, we again appeal with confidence to those who have patronized us so liberally in the past for a continuance of their favors, which have come to us with such gratifying regularity since the establishment of this business, sixty-four years ago, and we also avail ourselves of this opportunity to solicit from others whom we have not hitherto had the privilege of serving, a share of their patronage.

Our catalogue contains nearly everything of value to those engaged in Agricultural and Horticultural pursuits. New introductions of Flowers, Vegetables and Field Roots are annually offered to the public, often with descriptive matter differing widely from the reality, and usually outlined by illustrations of an extravagant character. We have endeavored in our publications, as far as possible, to protect the vegetable kingdom from such caricatures. We invariably make ourselves acquainted with the value of what are termed novelties before offering them, and when this cannot be done we give the raiser's description only; we make this reference in the interest of those who have not been using our seeds, and who may infer from the modest illustrations in our catalogue that the product must necessarily be of the same dimensions. One trial will remove any misapprehension of its nature, and prove that in quality our stock of seeds for the Farm, Garden and Greenhouse are at least equal to anything offered, no matter from what source they come.

In North America the dry, hot summer has curtailed the crops of Beans, Cabbage, Sweet Corn, Lettuce and Sweet Peas, also Field Corns. In Europe an unfavorable spring has given short crops of Cabbage, Celery, Parsley and Swede Turnips, and this, combined with short crops of the above for 3 or 4 seasons, with an increasing demand, has maintained prices near the high mark made last year. However, in anticipation of an increased demand, we had arranged with our growers for larger supplies, and we have made prices as reasonable as possible under existing conditions. We are glad to announce that generally speaking the crops of Beet, Carrot, Onion, Peas, Radish; also Feeding Cattle, Mangel and Field Carrot have been an improvement on past 3 or 4 seasons and prices have been reduced somewhat. Clovers and Timothy are also reasonable in price after 3 or 4 years of high prices and farmers should sow liberally. Our stocks are all from our own growers, with whom we have contracted for many years, and as we have a splendid reputation for reliability to protect, our customers can rest assured that we have taken no chances, and as usual they will receive the very highest grade of seeds obtainable.

SUGGESTIONS TO CUSTOMERS.

Owing to the extended nature of our business connections and the heavy expenses incurred in collecting accounts, we conduct our business on Cash Principles; therefore, orders to receive prompt attention must be accompanied by a remittance of the amount. Remittances can be made in current Bank Bills, Postoffice Orders, Postal Notes, and Express Orders, or by Draft, and for amounts under one dollar, in Postage Stamps. Postoffice Orders, Postal Notes and Express Orders are preferable to all others, as there is no possibility of loss, but when these cannot be obtained, Registered Letters are most certain to reach their destination. Do not send checks unless marked by Bank and made payable at par here. As the seed season continues only for a few months in the year, there is, of course, a great pressure of business when sowing commences. Except in cases of extreme urgency all orders will be executed in rotation as received. We will, therefore, feel greatly obliged if our Customers will kindly forward their orders as soon as possible after the receipt of this Catalogue, and please remember to give your Name, Postoffice Address and Province, in full. We are frequently in receipt of orders deficient in some of these important requisites, often causing a delay of weeks in their execution, greatly to the inconvenience of the sender, as well as our own.

Address all Correspondence and make all Money Orders payable to JOHN A. BRUCE & CO., Limited.

EXPRESS AND FREIGHT RATES AND MAILING CONDITIONS.

For the information and convenience of our customers we give below the present rates from Hamilton to the various points named. The rates between any two points will be proportioned according to distance. As these rates are subject to change we cannot guarantee them.

FREIGHT RATES FROM HAMILTON PER 100 LBS

	On Barley, Oats, Buckwheat, Peas and Wheat.		On Clover, Timothy, Hungarian, Millet, Red Top, etc.		Express Rates from Hamilton Per 100 lbs.
	All Rail.	Lake and Rail.	All Rail.	Lake and Rail.	
Port Arthur, Ont.....	\$0 52	\$0 33	\$0 72	\$0 40	\$2 25
Winnipeg, Man.....	0 85	0 75	1 11	0 97	3 20
Brandon, Man.....	0 99	0 89	1 28	1 14	4 00
Regina, Sask.....	1 20	1 10	1 56	1 42	4 80
Calgary, Edmonton, Alta.	1 55	1 45	2 03	1 89	6 00
Prince Albert, Sask.....	1 35	1 24	1 75	1 61	6 00
Vancouver, Victoria, B. C.	1 65	1 63	1 65	1 56	8 00
St. John, N. B.....	0 43		0 52		2 00
Charlottetown, P. E. I.....	0 51		0 60		2 25
Halifax, N. S.....	0 45		0 53		2 25

The lowest freight charge is for quantities of 200 lbs. For any quantity under 200 lbs. the charge is the same as for 200 lbs.

Express rates are special rates on Seeds of any description. 25 lbs. and over at 100 lb. rate; less than 25 lbs. higher, according to weight.

Our postal arrangements enable us to forward Seeds, Bulbs and Plants to any Post Office in the Province of Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, Manitoba, Alberta, Saskatchewan and British Columbia, at the rate of 5c per pound, and our careful system of packing will carry them with safety to the most distant point, giving purchasers in the remotest districts the opportunity of procuring reliable seeds at reasonable prices when far removed from source of supply.

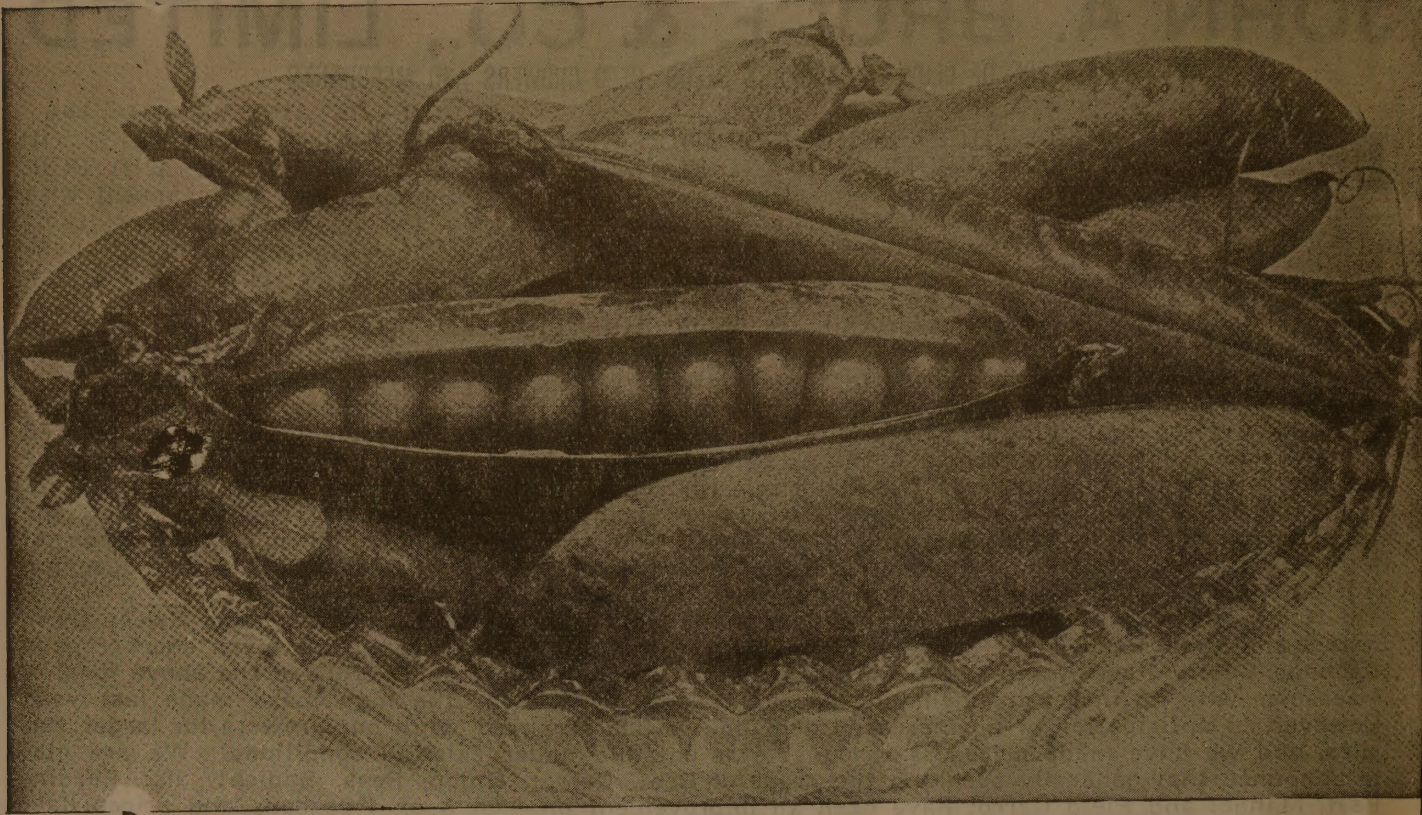
Sincerely thanking you for past favors, and soliciting a continuance of the same, with your kind recommendations,

We are your obedient servants,

W. H. Bruce, President.
E. W. Bruce, Sec.-Treas.

JOHN A. BRUCE & CO., LIMITED

NOVELTIES AND SPECIALTIES IN VEGETABLES



New Extra Early Pea, Richard Seddon.

This new variety is as early as American Wonder, but a far more abundant bearer. The vines and pods are deep green, the latter crowded with 7 to 9 large peas of the very best color and flavor. A good canner and one of the best all round early sorts. Height 16 to 20 inches. $\frac{1}{4}$ pint 15c, pint, 30c, quart 55c, peck \$4.00. If by mail, add postage.

Little Marvel

For the earliest crop this variety is better than either American Wonder or Nott's Excelsior, as it matures earlier and the pods contain more peas. It is dwarf, growing about 15 inches high, and the plants are very productive, bearing many twin pods, which are dark green in color. $\frac{1}{4}$ pint 15c, pint 30c, quart 55c, peck \$4.00. If by mail, add postage.

New Early Model Beet

This splendid variety—of English origin—has attained perfection for table use. It is a medium early variety, coming in between Extra Early Electric and Crimson Globe. The roots of Early Model are of good size and run uniformly perfect, almost round, with small, dark, crimson-colored leaves, and a slim tap-root. In quality and color it is peerless; very fine grained, tender and sweet, never woody or stringy. Color of both skin and flesh deep, rich, blood-crimson, equalling that of the best long Beets. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.



Copenhagen Market.

New Early Cabbage, Copenhagen Market

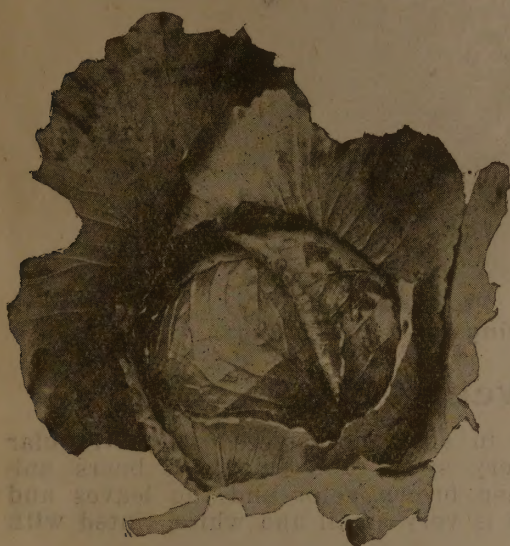
This new variety is undoubtedly without a rival as the finest large round-headed early Cabbage in cultivation. The type is thoroughly fixed, the heads maturing all at the same time—(this being a great consideration to market gardeners, entailing less labor in harvesting the crop and allows the ground to be cleared at the first cutting). The heads average about ten pounds each in weight, are very solid, with small core and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants, therefore, can be set closer than is usual with varieties of similar size. Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.25, 2 oz. \$2.25, 4 oz. \$3.75.

New Fordhook Bush Lima Beans

Is of stiff, erect habit, branching freely, but with all branches upright. The leaves are large, smooth, and a dark, rich green. They bear tremendously, with pods 4 to 5 inches long, containing 4 to 5 large beans. The green beans even when full size are tender, juicy, and of delicious flavor when cooked. Pkt. 10c, $\frac{1}{2}$ pint 20c, pint 30c, quart 50c. If by mail add postage.

Red Cabbage, "Delicacy"

This is the best Red Cabbage on the market. The heads are handsome shape and solid, and weigh well, and in quality and appearance it is head and shoulders over all others. It is a medium early variety. This variety has been offered by us past two seasons and it has given great satisfaction. Pkt. 10c, oz. 70c, 2 oz. \$1.35, $\frac{1}{4}$ lb. \$2.00.



Red Cabbage—Delicacy.



Extra Early Lettuce—Wayahead.

New Extra Early Lettuce, "Wayahead"

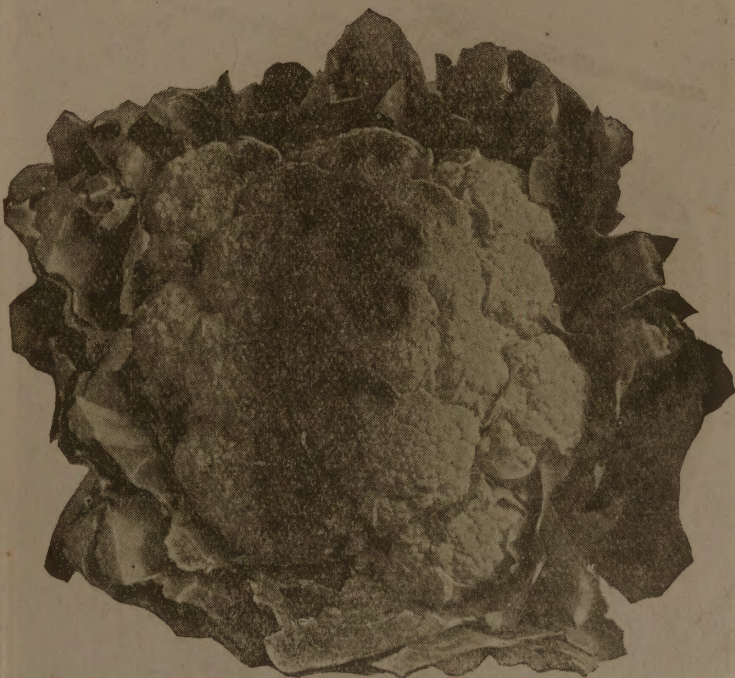
Wayahead shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. Both in cold frames early in the spring and in the open ground—in spring, summer and early fall months, it has proved to be not only the earliest and surest heading of any early Lettuce we have ever grown, but also of the finest quality at all seasons. Satisfied planters are most enthusiastic in praise of Wayahead Lettuce. Wayahead is not only earlier than May King, and other fine early varieties, but the heads are also larger in size and more tightly folded. The outer leaves are a light green, with the entire head finely blanched to a rich buttery-yellow tint. Wayahead stands a longer time before running to seed than any other early head variety. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 80c, lb. \$3.00.

Bruce's Selected Erfurt Cauliflower

The largest growers find our fine strain of this fine strain of this Cauliflower to be the most reliable and profitable on the market. Though it has been grown from our own stock by the same grower ever since we introduced it, and as its germinating properties lose very little, we never send this out the first year, but make a careful test to see it is fully equal to the standard of past years, thus preventing loss to the grower. See page 12. $\frac{1}{2}$ pkt. 15c, pkt. 25c, $\frac{1}{4}$ oz. 90c, $\frac{1}{2}$ oz. \$1.60, oz. \$3.00, 2 oz. \$5.50, $\frac{1}{4}$ lb. \$10.00.

Bruce's First and Best Tomato

This is the finest all-round Tomato we have yet seen, and those growing it are loud in its praise. It is nearly as early as our selected Earliana, and a heavy cropper right through the season. Its appearance is magnificent, round, smooth and a beautiful scarlet color, with grand foliage. It is a grand shipper, very uniform in size, and very solid. It is of splendid quality, and for slicing has no equal. Its attractive appearance will make it the leading variety for market use. Since we introduced this fine variety in 1910 the large market growers have taken kindly to it and our sales, 5 lbs. in 1910, 31 lbs. in 1911, 58 lbs. in 1912, and 112 lbs. in 1913, show its popularity. Pkt. 5c, $\frac{1}{2}$ oz. 25c, 1 oz. 45c, 2 oz. 85c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.



Bruce's Selected Erfurt Cauliflower.

Grand New Sweet Corn, Livingston's Early Sugar

A distinct and valuable addition to the early Sweet Corns. Planted in a favorable season, Livingston's Early Sugar is ready for table use in 60 days from time of planting. As compared with other good early sorts, it has bigger ears with more even rows, which are invariably filled well to the tip. Ears average 7 inches long by $2\frac{1}{4}$ inches in diameter, have from 10 to 12 rows of deep, broad, pearly white kernels of delightfully sweet flavor, which is not surpassed by any other early kind. Sixty per cent. of the stalks carry two splendid, well developed ears, which are usually placed from 2 to 3 feet above the ground.

Livingston's Early Sugar does not stool, but produces strong, sturdy plants which resist wind admirably. They stand up well, average 6 feet tall, and furnish an abundance of fine fodder. $\frac{1}{4}$ lb. 10c, lb. 30c, 10 lbs. \$2.50.

If by mail, add postage.

Malakhof Sweet Corn

This is the earliest Sweet Corn grown, and is highly recommended for northern sections where other corn does poorly. It is dwarf and very sweet, and will prove a great boon to those who like it and who have not been able to grow corn in the short seasons of our northern districts. $\frac{1}{4}$ lb. 10c, lb. 25c, 10 lbs. \$2.20.

If by mail, add postage.



Livingston's Early Sugar.

Morse's Golden Cream Sweet Corn

An early yellow Country Gentleman type; ears are medium in size and covered with irregular rows of bright yellow kernels. It is of most delicious flavor, very sweet and juicy; it bears uniformly 2 ears to the stalk, and stalks are rather short, of a deep brown color and the leaves and shucks are conspicuously colored with brownish red. The cob is very small and white, tinted with pink. $\frac{1}{4}$ lb. 10c, lb. 30c, 10 lbs. \$2.50. If by mail, add postage.

Tom Watson Water Melon

Long, oblong, dark green Melon, rind thin, but tough, more tracery on skin than Kleckley Sweet, and longer. Fine variety, white seed, flesh deep red, finest flavor, no core. Healthy, very productive and an excellent seller and an A1 shipper. Pkt. 5c, oz. 20c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Giant Gibraltar Onion

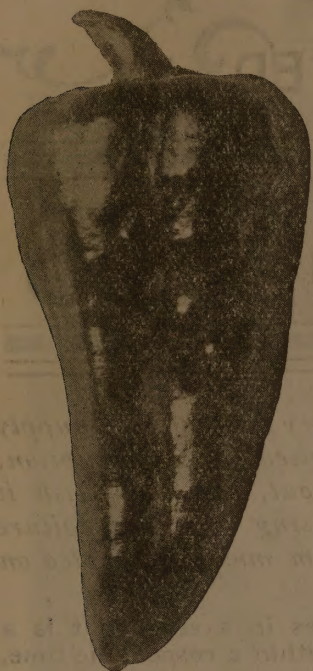
Beautiful globe shape; thin skin of a light straw color. The flesh is white, mild and sweet. Makes a large and quick growth from spring-sown seeds. It is later than Prizetaker, but larger and milder. It is not a good keeper, but it cannot be surpassed for delicious flavor. Pkt. 10c, $\frac{1}{4}$ oz. 20c, oz. 60c.

Hoodoo Musk Melon

About the size of "Rocky Ford," in shape somewhat more round than that popular variety. The rind and flesh at blossom end is very firm, the skin is thickly netted, and the flesh is a rich, deep orange color, fine grained and of remarkable sweetness. The vines make a strong and vigorous growth, which enables them to withstand disease and produce an abundant crop of the most delicious muskmelons one can imagine. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.



Hoodoo Musk Melon.



Hamilton Market Pepper

This handsome Pepper is of local origin, and is grown almost exclusively by the large growers of peppers on the north shore of Hamilton Bay and around Burlington, who pretty nearly supply the rest of the Province with their peppers. Hamilton Market Pepper is decidedly the earliest and most productive of all large mild red peppers. The strong, vigorous plants grow about 1½ feet high, they are completely laden with beautiful fruits, and bear continuously until frost. Pkt. 10c, ½ oz. 40c, 1 oz. 75c.

Giant Italian Pepper

These new grand Italian Peppers are very large and mild flavored, and in great demand by hotels for stuffed peppers. We offer in two colors, red and yellow, square shape. Pkt. 10c, ½ oz. 40c, 1 oz. 75c.

Hamilton Market Pepper.

New Red Rock Tomato

Wonderfully fine main crop variety, extraordinarily solid, and free from an excess of water, smooth as an apple, red as it is possible to be. Absolutely free from cracks, with very shallow stem attachment; average weight 9 ounces, often borne in clusters of four or five. No sort is superior in texture or flavor. An extraordinarily heavy producer and an excellent shipper, twenty-five tons having been grown to the acre. Recommended to truckers and growers for canning factories. Every grower who has raised it praises it above all others for its profitable qualities. Undoubtedly the finest large red tomato now in use. Pkt. 10c, ½ oz. 30c, oz. 50c, 2 oz. 90c, ¼ lb. \$1.50, lb. \$5.00.

My Maryland Tomato

Said to be the best second early variety in existence Very large, and most productive of all. Fruits are uniform, perfectly formed, solid, smooth, bright red and free from cracks or roughness. Pkt. 10c, oz. 40c, 2 oz. 75c, ¼ lb. \$1.25, lb. \$4.50.

Radish Novelty, "The Norseman"

This excellent forcing Radish was offered the first time for sale in 1912. It is rose colored with white tips, short leaved, and can, under favorable conditions, be got ready in three weeks. It will remain long in the hot-beds without becoming spongy or cracking, if not kept too dry For early forcing it is almost round while in cold beds it is oval shaped. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

New White Radish, "Sparkler"

An improved strain of the popular White Tip Radish. The best variety for summer planting. The radishes have bright scarlet body, with a well-defined white tip. The growth is rapid, the tap root is small, and the radishes crisp and mild. The seed is carefully grown and the variety just right for the home garden. On the market this strain will sell for higher prices than any other white tip; equally good for forcing. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. \$1.00.



New Forcing Radish—The Norseman.

BRUCE'S SELECTED VEGETABLE SEEDS

CONDITIONS OF SALE.—John A. Bruce & Co., Limited, take every precaution to supply reliable Seeds, Bulbs, Plants, etc., but give no warranty, express or implied, as to description, quality, growth, productiveness, or any other matter, of any seeds they send out, and they wish it to be distinctly understood they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the crop. All goods bought from them must be accepted on these conditions.

SAFE DELIVERY OF GOODS.—Though we mail several thousand packages in a season, it is a rare thing for any not to reach their destination, but in case of non-arrival within a reasonable time, write us with full particulars of order sent, and we will investigate promptly.

SEEDS BY MAIL.—All seeds forwarded by mail are sent free of charge to all Canadian points at Catalogue prices, except Beans, Corn, Mushroom Spawn, Onion Sets, Potatoes, Peas, Sugar Beet, Field Carrot, Mangel, Rape Field Turnip, Grain, Clover, Grass, Tree, Hedge and Fruit Seeds; when such are to be mailed postage must be added at the rate of 5 cents per pound or pint within the Dominion of Canada, and 16 cents per pound or pint to Newfoundland and the United States.

ARTICHOKE Artichaut, Fr. Artichoke, Gr.

Sow in April or May in drills two inches deep; thin the plants to four inches, and when strong transplant in deep, rich soil, two feet apart each way; keep the earth loose about them in summer, and cover during the winter with dry litter or leaves for protection. **Green Globe**—Pkt. 5c, oz. 50c.

Jerusalem Artichoke—Cultivate like potatoes, but plant in rows not less than three feet apart. They are enormously productive, and are valuable alike as a table vegetable as well as for feeding stock. Per bush \$2.50, peck 70c here. 1 lb. 25c, 3 lbs. 60c by mail, postpaid to all Canadian points.



ASPARAGUS Asperge, Fr. Spargel, Gr.

One ounce will sow a row of thirty feet

Sow early in the spring in drills one foot apart. To secure strong, healthy plants, thin out seedlings to three or four inches in the rows. The one-year-old plants should be set out in the spring in a rich, sandy loam, dug eighteen inches deep, into which has been worked plenty of well-rotted manure. Plant in rows fifteen inches apart, and twelve inches apart in the rows. Spread out the roots all around, and carefully shake the soil in amongst the rows and cover to a depth of four inches. Before winter sets in, cover the beds with six inches of manure, and in the spring give a top dressing of salt. Every fall a good dressing of coarse manure should be applied, after the tops have been cut, and in spring forked in. Never cut too closely, as the roots need the benefit of some foliage during the year.

Columbian Mammoth White—This fine variety furnishes large white shoots, which stay white as long as fit for use, without earthing up or any other artificial blanching. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. \$1.00.

Conover's Colossal or Early Purple Argenteuil—Large and productive cultivated extensively for the Paris and other continental markets. Highly recommended. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 25c, lb. 75c.

Palmetto—An early variety of large size, very productive and of fine quality. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 25c, lb. 90c.

ASPARAGUS ROOTS. Two Year Old.

Conover's Colossal, \$1.10. **Palmetto**, \$1.20. **French Giant** and **Columbia Mammoth**, \$1.30 per 100. When Asparagus Roots are to be sent by mail, add postage at the rate of 30c per 100. Special price per 1,000 on application.

BORECOLE OR KALE Chou Vert, Fr. Gruner Kohl, Gr.

Sow early in spring, cultivate same as Cabbage. They supply a stock of excellent greens for spring and fall use.

Green Curled Scotch—Very hardy, and is improved by a moderate frost. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. \$2.00.

BROCCOLI Chou Brocoli, Fr. Spargel Kohl, Gr.

Sow end of April in the open ground, then transplant about two feet apart in deep, rich ground. They produce heads similar to Cauliflower. When they begin to flower break the large leaves over the head to protect them from the sun.

Early Purple Cape—One of the hardiest and sure to head. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼ lb. \$1.50.

Walcheren—Fine snow-white heads, very hardy. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼ lb. \$1.50.

BEANS DWARF OR BUSH

Haricot, Fr. Bohnen, Gr.

One pint will sow a row of 50 feet. The Dwarf or Bush varieties should be planted in rows, 2½ feet apart and 2 or 3 inches in the row. They are very sensitive to frost or cold, and should not be planted before the second week in May. Hoe often and keep the ground mellow and draw the earth up to the plants. Plant the pole or running varieties in hills 3 feet apart, and in the hills place poles from 6 to 8 feet high.

DWARF YELLOW PODDED SORTS.

Valentine Wax—Extra early. The pods are round, stringless, and of the finest quality. It is remarkably free from rust and remains a long time before becoming tough. Pt. 20c, qt. 35c, peck \$2.25.

Black Wax or Butter—Pods transparent waxy yellow, thick, tender. Pt. 20c, qt. 35c, peck \$2.25.

Wardwell's Kidney Wax—Extra early, pods long and flat, free from rust. Pt. 20c, qt. 35c, peck \$2.25.

Golden Wax—The standard variety, pods long, broad and flat, very fleshy, finest quality; early and productive. Pt. 20c, qt. 35c, pk. \$2.25.

Detroit Wax—Hardy and productive. Pint 20c, qt. 35c, peck \$2.25.

Refugee Wax—Pods round, clear and transparent, and of handsome appearance. Is tender, very productive, free from rust, and stands dry weather well. Pt. 20c, qt. 35c, peck \$2.25.

Flageolet Golden Wax—Produces larger and longer pods than most other yellow podded sorts. Very productive, and for market purposes unexcelled. Pt. 20c, qt. 35c, peck \$2.25.

Brittle Wax—Early, productive, tender, extra fine; stringless and crisp. Pods round, golden yellow, 5 or 6 ins. long. Pt. 20c, qt. 35c, pk. \$2.25.

Giant Yosemite Wax—Very large yellow pods, of finest quality. Pt. 35c, qt. 60c, peck \$3.75.

Davis White Wax—Very productive, fine appearance, also good shell bean. Pt 20c, qt 35c, pk \$2.25.

Pencil Pod Black Wax—Hardy, prolific, and remains a long time before getting tough. Pods long, a rich, dark yellow, tender and brittle. Pt. 20c, qt. 35c, peck \$2.25.

DWARF GREEN PODDED VARIETIES.

Stringless Green Pod—It combines hardiness, earliness and productiveness, with pods of finest quality, long, round, meaty, tender brittle and of fine flavor and absolutely stringless, even when fully matured. Pt. 20c, qt. 35c, peck \$2.25.

Valentine—Early, round pod, productive, tender, succulent, and of excellent flavor. Pt. 20c, qt. 35c, peck \$2.25.

Yellow Six Weeks—Early and prolific, good for general crop. Pt. 20c, qt. 35c, peck \$2.25.

Refugee or One Thousand to One—Great bearer; late; best for pickling. Pt. 20c, qt. 35c, peck \$2.25.

Large White Kidney—Excellent as a shell bean. Pt. 15c, qt. 25c, peck \$1.50.

DWARF OR BUSH LIMA BEANS.

Burpee's Bush Lima—A heavy yielder, each bush bearing from fifty to two hundred pods, filled with beans identical in size and luscious flavor to the large pole Limas. Pt. 30c, qt. 50c.

Burpee's Improved Bush Lima—See Novelties.

ENGLISH BROAD BEANS.

These are very hardy, and should be planted as soon as the ground is open; when in full bloom and the flower pod set, pinch off the tops. This ensures the filling of the pods and hastens maturity. A strong, heavy soil suits them best.

Taylor's Broad Windsor—The largest and best of the class for general use. Pt. 30c, qt. 50c.

POLE OR RUNNING BEANS.

One pint will plant about seventy-five hills.

Siebert's Early Lima—The best variety for northern planting, an enormous yielder; pods medium long, well filled, with large, tender, fine flavored beans. Pint 30c, quart 50c.

Large Lima—The favorite pole bean; plant when the ground is dry and warm. Pint 30c quart 50c.

Scarlet Runners—Very prolific, mostly grown as an ornamental plant. Pint 30c, quart 50c.

Asparagus, or Yard Long—Pods tender and sweet. Pkt. 15c, pint 75c, quart \$1.25.

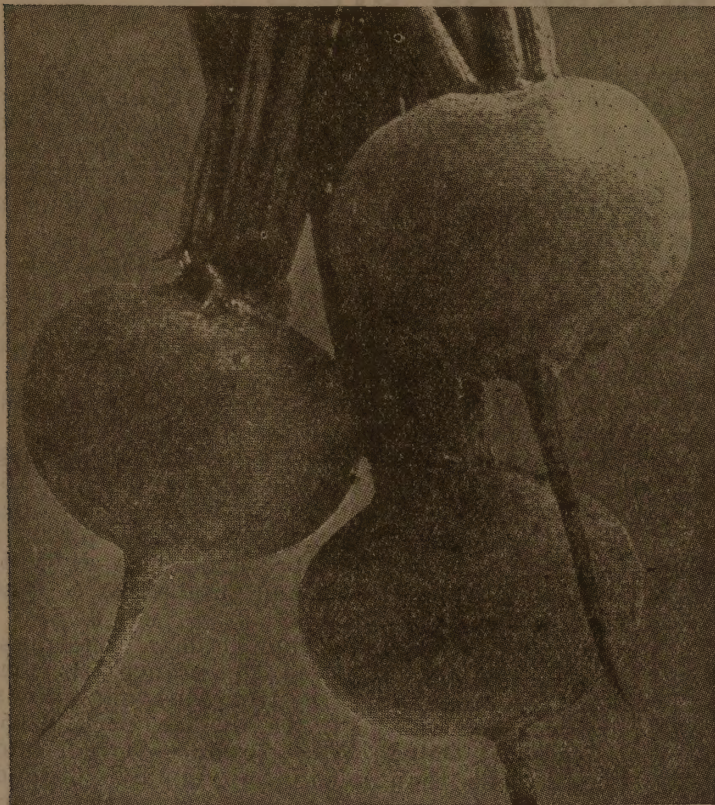
¼ pint packets of any variety of Beans, not specially priced, 10c; When Beans are to be sent by mail, add postage at the rate of 5c per pint within the Dominion of Canada, and 16c per pint to Newfoundland and the United States. For Field Varieties, see Agricultural Seeds.



Wardwell's Wax Beans.



Valentine Green Pod Beans.



Eclipse Beet.

BEETS

Betterave, Fr.
Rothe Rube, Gr.

One ounce will sow a row of 40 feet; 5 lbs. for an acre

Beets require a deep, mellow soil, may be sown from the early spring to the commencement of summer. The winter crop, to be tender, should not be sown too early. Sow in drills 18 inches apart, and thin out the plants gradually to six inches. Keep the soil well stirred.

New Early Model Beet—For description see Novelties, page 2.

Fireball—New—Perfectly globe shaped, the skin is smooth, the flesh solid, with a very sweet flavor, and of a bright, intense red color. Very small dark colored leaves and a slim tap root make it valuable for early sowing in frames. It is also very desirable in the open ground, where it retains its fresh table quality better than most beets. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Detroit Dark Red Turnip—Small, upright tops, smooth roots, tender and sweet, grand canning variety. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Dewing's Improved Blood Turnip—Roots deep blood red, and of fine form and flavor. Pkt. 5c, oz. 15c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Black-Leaved Blood Red—Very handsome round shape, fine-grained blood-red flesh, tender and early; the leaves are a beautiful blood red color, almost black. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Crimson Globe—The flesh is fine grained, sweet and tender, of a dark crimson color. Leaves are small, with slender leaf stalks, and as dark in color as Egyptian. Comes in same time as Eclipse. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Egyptian Dark Red Turnip—A standard extra early variety, very deep red, tender and fine flavor. Best for early market. Pkt. 5c, oz. 15c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Crosby's Egyptian—A selection from the Egyptian, which, while it retains its earliness, has added thickness, giving it a more desirable shape; it is of fine quality, sweet and tender. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Eclipse—Extra early, turnip shaped variety, remarkable for rapid growth. Roots grow smooth, round shape, intense red skin, flesh very fine grained and sweet. Pkt. 5c, oz. 15c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Edmand's Early—Very uniform, with small tops of bronze red. Is round, smooth, and good marketable size, fine quality, exceedingly sweet and tender. Skin and flesh dark blood red. Pkt. 5c, oz. 15c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.



Crimson Globe Beet.

Early Blood Turnip—Very tender and good for early and late use. Pkt. 5c, oz. 15c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

LONG VARIETIES FOR WINTER USE.

Bruce's Long Dark Blood—Roots very symmetrical and always smooth and handsome. Flesh is dark red, very sweet, crisp and tender, never becoming woody, even in portions above the ground. Retains its good quality longer than other sorts. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Long Smooth Blood Red—An excellent late variety. Pkt. 5c, oz. 15c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

SWISS CHARD OR SILVER BEET.

Grown exclusively for its leaves, which are prepared for table in the same manner as Spinach, while the large silvery midrib is used by many as a substitute for Asparagus and Sea Kale. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.



Bruce's Long Beet.



Brussels Sprouts.

BRUSSELS SPROUTS

Chou de Bruxelles, Fr. Rosen Kohl, Gr.

Sow seed in May; transplant and cultivate same as Cabbage. They grow from two to three feet high, and produce little heads from the axles of each leaf. They are very tender when touched by frost.

Improved Dwarf—Extra fine. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 75c.

New Danish Prize—The best of all. Pkt. 10c, oz. 60c, 2 oz. \$1.00.

CABBAGE

Chou, Fr. Kohl, Gr.

One ounce will sow a bed of four feet by ten and furnish about 2,000 plants. Sow the early varieties in hot-beds or frames, from February to April for early crops, and in the open ground as soon as the soil is in working order. For Fall and Winter Cabbage sow the seeds in beds in the open ground at the end of April, or early in May, and transplant into well manured ground. Early varieties should be planted in rows two feet apart and fifteen inches in the rows; late varieties, two and a half feet each way. The ground must be well worked to produce good heads. Hoe often and draw the earth around the plant.

New Early Cabbage, "Copenhagen Market"—This new variety is undoubtedly without a rival as the finest large, round-headed early cabbage in cultivation. The type is thoroughly fixed, the heads maturing all at the same time. The heads average about ten pounds each in weight, are very solid, with small core and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed, the heads being produced almost on ground level. Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.25, 2 oz. \$2.25, 4 oz. \$3.75.

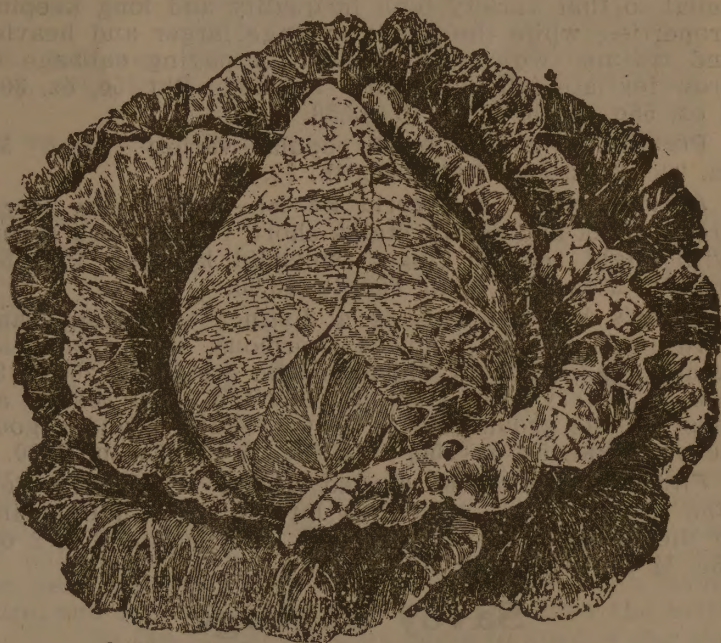
Express—Extra early, excels in earliness all others. It has the shape of the Early Etampes, but is smaller and earlier; has but few outside leaves, and therefore may be planted very close and yield large crops. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Early Etampes—A fine, extra early ox-heart shape, of excellent quality. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Early Spring—A round, flat-headed cabbage, as early as Wakefield, and more productive. Very uniform in shape. It has very few small outer leaves, thus allowing its being planted as close as any variety known, of the finest quality. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

Extra Early Eureka—It excels all other early cabbage in solidity of head, being as hard and solid as the Danish Ballhead; suited also for a second early or summer crop where a medium sized head will answer. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

Early Winningstadt—A standard variety for general use; heads large and remarkably solid; keeps well in hot or cold weather. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.



Selected Jersey Wakefield Cabbage.

Selected Early Jersey Wakefield—To those who may not be familiar with this well-known variety, we would say it is justly considered by market gardeners to be one of the best and most reliable early cabbages in cultivation. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

Charleston Wakefield—This variety is much larger than the preceding, but not quite so early. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

Henderson's Early Summer—About ten days later than the Early Wakefield, but fully double the size; one of the best large, early cabbage. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

All Head—A second early sort, very productive and of fine quality; the deep flat heads are remarkably solid and very uniform in size. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

Surehead—A large and sure heading main crop cabbage; splendid keeper and shipper. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

All Seasons (Vandergaw)—An early drum-head variety, somewhat later than Early Summer, but much larger. Planted late, the heads, which are hard and solid, keep well. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.



Henderson's Summer Cabbage.

CABBAGE—Continued.

Glory of Holland—A new medium early variety, with large ball-shaped, thin ribbed, hard heads. The plants are pale green, with few outer leaves, which admits of close planting. A particularly attractive variety for market purposes, and a good seller. Pkt. 5c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Summer Ballhead—New—The same fine type of cabbage as the Danish Ballhead, but earlier, and a splendid variety for summer use. The heads are large, solid, round, and of good quality. Pkt. 5c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Succession—Equally good as a medium early, main crop, or for late use. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

Danish Ballhead (or Hollander)—The heads are round, of good marketable size, hard and heavy, fine grained and long keepers. It will stand well through a dry season when other sorts fail; matures late. Pkt. 5c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Fottler's Improved Short Stemmed Brunswick—This, for fall or winter cabbage, is without a rival. Heads are large and solid, often weighing from 20 to 30 lbs. It is a sure header, splendid keeper, and of excellent quality. Most profitable variety to grow. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Danish Drumhead—This is an earlier and shorter stemmed type of the popular Danish Ballhead. It is equal to that variety both in quality and long keeping properties, while the heads average larger and heavier and mature two weeks earlier. A paying cabbage to grow for late fall and winter market. Pkt. 5c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Premium Flat Dutch—A popular variety. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Autumn King, or World Beater—Heads very large, broad, thick and solid; stalks short, foliage dark green, with slight reddish tinge; splendid keeper. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

Bruce's Winter—This is a distinct extra large and hardy variety; it produces enormous, solid heads, attaining 20 inches in diameter and weighing 20 to 30 lbs. It is very short stemmed, and the heads resting almost on the ground; it is very productive and a good keeper. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

Filderkraut—Conical shaped heads, with very few side leaves. This variety is largely used in Germany in the manufacture of "Kraut." Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Savoy Cabbage

Large German Drumhead—Our stock of this favorite winter variety is unsurpassed for purity, and never fails to produce large, solid heads. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

Green Globe Savoy—Heads small, but tender, of fine quality. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

Red Cabbage

Red Delicacy—The best red cabbage on the market. It is of medium early, of splendid quality, solid and handsome. Pkt. 10c, oz. 75c, 2 oz. \$1.35, $\frac{1}{4}$ lb. \$2.00.

Large Red Drumhead—Produces very large, solid heads of a fine, deep purple color. Pkt. 5c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Red Dutch—A favorite sort for pickling; heads not so large as preceding. Pkt. 5c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Mammoth Red Rock—This is the largest red variety, heads averaging over 10 lbs. each, solid as a rock and of a deep red color, both inside and out. Pkt. 5c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Plants—Early varieties 50c, late varieties 35c per hundred here. Special prices for large quantities.



Glory of Holland.



Danish Ballhead.



Savoy Drumhead.

CARROT Carotte, Fr. Mohren, Gr.

One ounce will sow a row of 1000 feet; 3 to 4 pounds for one acre.

The Carrot succeeds best in light, sandy loam, richly manured and deeply dug. For early crops sow in rows 18 inches apart, and thin out to 6 inches in the row. Hoe often between rows and keep clear of weeds.

Extra Early Forcing—This is the earliest and best variety for forcing. The root is small, nearly round, and of excellent quality. Pkt. 5c, oz. 25c, 2 oz. 45c, ¼ lb. 75c, lb. \$2.75.

Early Scarlet French Horn—Stump rooted, deep scarlet, fine flavor. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$1.75.

Early Guerande or Ox Heart—Stump rooted, intermediate as to length, between the French Horn and S. Nantes, but much thicker, attaining at the neck from 3 to 4 inches in diameter. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$1.75.

Chantenay Half-Long—The best early and most uniform Carrot in existence. Six inches long, stump rooted, very smooth, as shown in photograph, deep red and fine grained. More largely grown for market than any other variety. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$1.75.

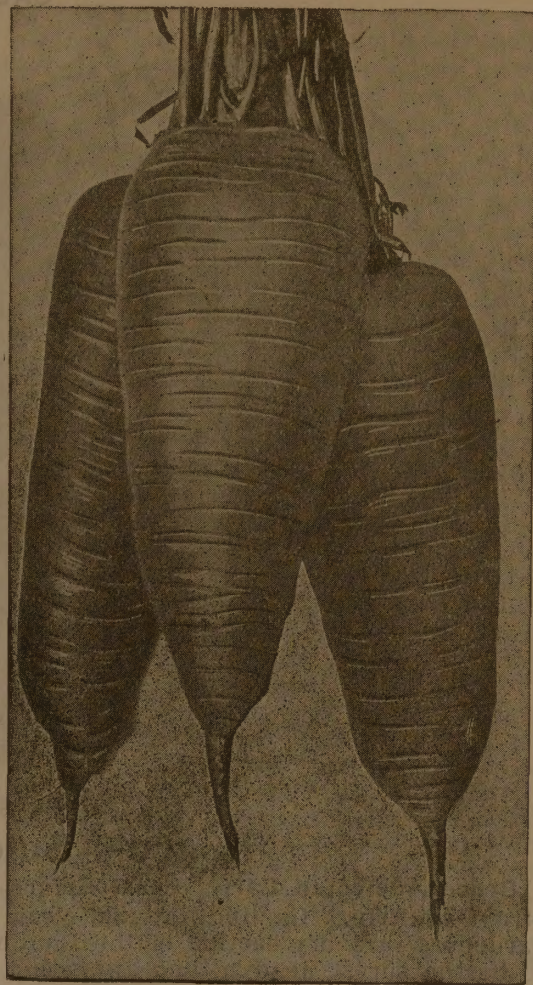
Danver's Half-Long—A handsome stump rooted Carrot, of rich, dark orange color. It grows to a large size, is smooth, and the flesh very close in texture, with little core. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$1.75.

Early Half-Long Nantes—Large stump rooted variety, superior for table use. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$1.75.

St. Valery—A fine intermediate type; superior in quality and shape; beautifully formed roots, with very small core. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$1.75.

English Horn, or French Intermediate—A half-long pointed variety, medium early, and heavy cropper. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$1.75.

Long Orange—Good for general crop, field or garden. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$1.75.



Chantenay Carrot.



Guerande Half-Long Carrot.

Long Scarlet Altringham—An excellent variety for field or garden. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$1.75. Half-ounce of any variety Carrots, except Extra Early Forcing, will be supplied for 10c.

For Field Varieties—See Agricultural Seeds.

CAULIFLOWER

Chou-Fleur, Fr. Blumen Kohl, Gr.

One ounce will furnish about 1,000 plants.

For early crops sow the seed in a gentle hot bed about the middle of March, and for late crops sow in the open ground in May or June, and transplant in rows 2½ feet apart and 2 feet between each plant. A deep, rich loam is the best. In dry weather water frequently with liquid manure, and as they advance hoe deep and draw the earth

to the stems; as they begin to head, water and keep the soil open, and break the large leaves over the flower to protect it from the sun and rain. On the approach of frost they may be planted in a cellar, where they can be aired in mild weather, when they will form fine heads.

Bruce's Giant Snowball—About 10 days later than our selected extra early Snowball, but considerably larger. A well-grown head will measure 9 to 10 inches in diameter, and have depth in proportion. It produces even, regular heads, very solid and of the finest quality. One of the best for late summer and fall crop. ½ pkt. 15c, pkt. 25c, ¼ oz. 90c, ½ oz. \$1.60, oz. \$3.00, 2 oz. \$5.50, ¼ lb. \$10.00.

Extra Early Snowball, Bruce's Selected—This is the earliest of all Cauliflowers. Dwarf and very short leaved, desirable for frames and in the open ground, where early market is sought. Heads pure white, large, solid and of extra quality, a sure header. Half pkt. 15c, pkt. 25c, ¼ oz. 90c, ½ oz. \$1.60, oz. \$3.00, 2 oz. \$5.50, ¼ lb. \$10.00.

Large Walcheren—A very large variety; sure header. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼ lb. \$1.50.

Extra Early Paris—Heads medium size. Pkt. 5c, ½ oz. 60c, oz. \$1.00, 2 oz. \$1.75, ¼ lb. \$3.00.



Bruce's Giant Snowball Cauliflower.

CAULIFLOWER—Continued.



Photographed in 24 quart basket.

Bruce's Selected Erfurt Cauliflower

Bruce's Selected Early Dwarf Erfurt—It is now 35 years since we first introduced this famous strain of Erfurt Cauliflower, and year after year it has become more popular, until leading market gardeners in every section of the Dominion now grow it entirely, as they found our strain of Erfurt to be the surest heading and altogether the most profitable sort for market purposes. On account of its dwarf and compact habit, the plants may be set 20 to 22 inches each way, so that from 12 to 14 thousand can be planted on an acre. For pickling it is the standard variety; in the compact and solid texture of the snow-white heads, combined with its delicious flavor, it surpasses all other sorts. We obtain our supply of seed direct from our growers, with whom we have a standing contract to deliver a stated quantity each season, and knowing the scrupulous care exercised in the selection of only the purest and finest heads for seed purposes, have no hesitation in stating for purity it is not surpassed by any other variety, no matter under what name it may be offered. ½ pkt. 15c, pkt. 25c, ¼ oz. 90c, ½ oz. \$1.60, 1 oz. \$3.00, 2 oz. \$5.50, ¼ lb. \$10.00.

Bruce's Autumn King—This is a vigorous growing variety, with large, white, firm heads. Pkt. 5c, ½ oz. 60c, oz. \$1.00, 2 oz. \$1.75, ¼ lb. \$3.

Le Normand's Short Stemmed—A variety producing large, white, compact heads. Pkt. 5c, ½ oz. 60c, oz. \$1.00, 2 oz. \$1.75, ¼ lb. \$3.00.

Erfurt—Ordinary stock—Pkt. 10c, ½ oz. \$1.00, oz. \$1.60, 2 oz. \$3.00, ¼ lb. \$5.50.

Autumn Giant—Heads pearly white, large, firm and compact. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼ lb. \$1.50.

Plants, Erfurt and Snowball, \$1.25 per 100 here. Special prices for large quantities.

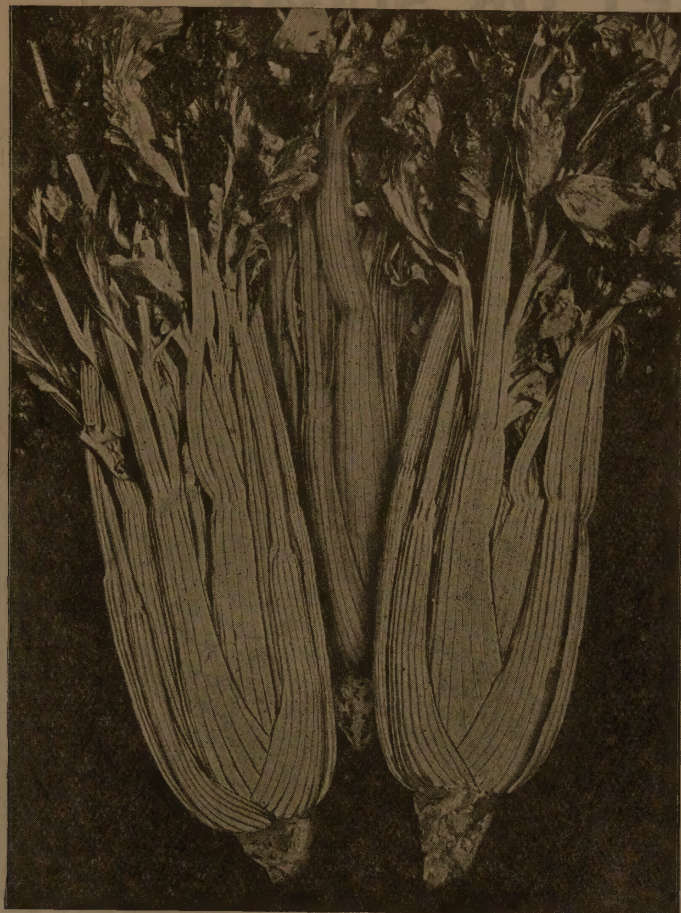
CELERY Celeri, Fr. Sellerie, Gr.

One ounce will furnish about 2,500 plants.

Sow in hot-beds in March, and when three inches high transplant into a well-prepared bed and protect in frosty weather. For late crops sow in April, transplant 3 inches apart, and when 6 inches high plant 6 inches apart into trenches; dig trenches 4 feet apart and 15 inches wide and 10 inches deep; fill in 4 or 5 inches of well rotted manure, and mix it thoroughly half a spade deep with earth at the bottom. The tops and roots of the plants should be shortened, and the suckers pinched off before they are planted; give a good watering after planting; to blanch, earth up two or three times during growth, holding the leaves close with the hand while the earth is drawn up, taking care that none falls into centre of plant. Celery is wonderfully improved by superior culture.



Bruce's Paris Rose Ribbed Celery. See page 13.



Bruce's Paris Golden Large Solid Celery.

Giant White Pascal—This is the largest celery grown as regards width and thickness of stalks. When fully grown the outer stalks average two inches wide, are unusually thick, and always crisp and brittle, snapping like glass, and of fine flavor. A very vigorous grower and good keeper. Pkt. 5c, oz. 50c, 2 oz. 85c, $\frac{1}{4}$ lb. \$1.50.

White Plume—The stalks and portions of the inner leaves and heart are naturally white. Its eating qualities are equal to the very best, being crisp, solid and of pleasing flavor, while the white, feathery-like foliage is very handsome on the table. Pkt. 5c, oz. 75c, 2 oz. \$1.25, $\frac{1}{4}$ lb. \$2.00.

Perfection Heartwell—One of the best for winter use. Pkt. 5c, oz. 50c, 2 oz. 85c, $\frac{1}{4}$ lb. \$1.50.

New Chicago Giant—It is earlier and larger than White Plume, and of better quality than any other white. Its foliage is green and white, and its stalks are tender, brittle, sweet, and of a nutty flavor. Pkt. 10c, oz. 75c, 2 oz. \$1.25, $\frac{1}{4}$ lb. \$2.00.

Perle le Grand—It has a beautiful full golden heart and rich, nutty flavor, and is extremely showy and saleable. It is not only a good early celery, but also valuable as a winter keeper. Pkt. 5c, oz. 50c, 2 oz. 85c, $\frac{1}{4}$ lb. \$1.50.

CHICORY Chicoree Sauvage, Fr. Cichorien, Gr.

It may be sown and treated in the same manner as Carrots. Used to mix with or as a substitute for coffee.

Large Rooted or Coffee—Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

CHIVES

Grown for their tops, which are used wherever the flavor of onion is required. Perfectly hardy, and should be in every garden. **Chives Seed**—Pkt. 20c, oz. 75c, $\frac{1}{4}$ lb. \$2.50.

CORN SALAD Mache, Fr. Ackersalat, Gr.

Sow the seed early in September, thickly, in shallow drills six inches apart, and protect through the winter with a slight covering of clean straw. It requires rich soil. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

CURLED CHERVIL Cerfeuil, Fr. Kerbel, Gr.

Cultivate and use like Parsley, sow at any time in the spring in shallow drills one foot apart. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

CELERY—Continued.

Paris Golden Yellow Large Solid—Bruce's Selected—This fine variety, introduced by us in 1882, has now become the standard variety for general use. The stalks grow vigorously with large ribs very thickly and closely set. It is self-blanching to a very remarkable degree. The heart is of a beautiful golden yellow color, very large, crisp and solid. Unlike other self-blanching varieties, it is an extra good keeper—keeping well all winter—and of the finest sweet flavor. On the market stall or table it is unequalled in handsome and striking appearance. Our strain is the best to be procured. $\frac{1}{2}$ pkt 15c, pkt 25c, $\frac{1}{4}$ oz \$1.10, $\frac{1}{2}$ oz \$2, oz \$3.50.

Paris Rose Ribbed—This handsome variety is practically identical with the Paris Golden Yellow, except that the naturally golden colored stalks are suffused with a warm, rosy hue, which gradually fades towards the top of the stalks, where it assumes a bright golden color, when blanched. The plant is dwarf and heavy; the stalks broad, solid and brittle, while possessing the crispness, rich and nutty flavor for which red celeries are noted. From a load of Paris Rose on our local market we weighed well trimmed heads of $3\frac{1}{2}$ lbs. each, one bunch of 12 being exactly $34\frac{3}{4}$ lbs—an evidence of the excellence of our strain combined with good cultivation. Pkt. 10c, oz. \$1.00, 2 oz. \$1.75, $\frac{1}{4}$ lb. \$3.00.

Pink Plume—This is practically identical with the well known White Plume, but with the added merit of the stalks being exquisitely suffused with pink, and possessing the crispness and rich nutty flavor for which red celeries are noted. Pkt. 5c, oz. 75c, 2 oz. \$1.25, $\frac{1}{4}$ lb. \$2.00.

Winter Queen—A valuable variety for winter and spring use. The plant is of stocky and robust habit, and when blanched is a beautiful cream white. Ribs perfectly solid, crisp and of delicious nutty flavor. Pkt. 5c, oz. 50c, 2 oz. 85c, $\frac{1}{4}$ lb. \$1.50.

Syer's Triumph—Of local origin. This splendid half dwarf variety is remarkable for its keeping qualities, remaining in splendid condition all through the winter and into the spring. The stalks, which blanch readily to a pearly white, are broad and solid, very crisp, and of the finest flavor. Pkt. 5c, oz. 50c, 2 oz. 85c, $\frac{1}{4}$ lb. \$1.50.

Bruce's Hamilton Red—This is the best of the red celeries, its distinctive features being its size, superior flavor and long keeping qualities. It grows about two feet high, stalks unusually broad, thick and crisp. Pkt. 10c, oz. 75c, 2 oz. \$1.25, $\frac{1}{4}$ lb. \$2.00.

Turnip Rooted or Celeriac—Has edible roots which are used for soups, etc. Pkt. 5c, oz. 50c, 2 oz. 85c, $\frac{1}{4}$ lb. \$1.50.

Celery Seed—For flavoring soups, etc. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Celery Plants—The leading varieties, \$1.00 per 100 here. Special prices for large quantities.

CORN, SWEET OR SUGAR

Mais, Fr. Welschkorn, Gr.

When Corn is sent by mail, add postage at the rate of 5c per pound within the Dominion of Canada, and 16c per pound to Newfoundland and the United States.

One pound will plant about 100 hills, 10 pounds for an acre. Plant in hills three feet apart each way and three or four grains in a hill. Hoe often and draw the soil to the stems; plant about the middle of May, and for a succession every two weeks until July.

Livingston's New Early Sugar—See Novelties.

Morse's Golden Cream—See Novelties.

Malakoff—This is the earliest Sweet Corn grown, and is highly recommended for northern districts; ears and stalks small. $\frac{1}{4}$ lb. 10c, lb. 30c, 5 lbs. \$1.40, 10 lbs. \$2.50.

Peep O' Day—Another of the "earliest" varieties. Very productive and of finest quality, being dwarf, $3\frac{1}{2}$ to 4 feet, admits of close planting. This variety is very similar to Malakoff. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Bruce's Golden Justice—This fine Sweet Corn is unequalled in flavor, sweetness, tenderness and other eating qualities, and is of fine table appearance. It is an early variety, growing about 5 feet in height, and the ears run from 6 to 9 inches, and are borne 2 to 3 on each stalk. It is a rich, creamy yellow, of most tempting appearance, and bespeaks for the purchaser a rich treat, which is more than realized in the eating. It has been grown in Ontario for eight years with splendid results. Stock very limited. $\frac{1}{4}$ lb. 10c, lb. 30c.

Golden Bantam—An early, hardy, productive variety, of fine quality and delicious flavor. It is a rich, cream yellow, deepening to orange-yellow when ripe. $\frac{1}{4}$ lb. 10c, lb. 30c, 5 lbs. \$1.40, 10 lbs. \$2.50.

The Cory—A standard first crop variety with gardeners and market growers. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Mammoth White Cory—A selection from Cory, of the same character in all respects, but superior in that it has a white cob and kernel. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Early Minnesota—A well-known early variety of finest quality. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Early Evergreen—Has the good qualities of Stowell's Evergreen, and is considerably earlier. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

White Evergreen—A splendid pure paper white canning variety, holding its color after being canned. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Crosby's Early—Rich, sugary flavor, very productive, $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Perry's Hybrid—An early variety, nearly as early as Minnesota, and ears much larger, each containing from 12 to 14 rows of kernels. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Kendel's Early Giant—A second early variety, ears averaging 8 to 10 inches in length, with ten or more rows of large grains of rich, sugary flavor. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Improved Hickox—A second early, ears nearly as large as Mammoth, more productive, and is largely grown for canning. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Country Gentleman—An exceptionally productive variety, bearing three to five ears on the stalk, and of the finest quality. The cob is very small, giving great depth to the kernels, which are of pearly whiteness, sweet and tender. Matures a little before Stowell's Evergreen. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Selected Stowell's Evergreen—The standard variety, remaining green longer than any other kind. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Mammoth—A late variety and largest of all, productive and fine flavored. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Black Mexican—A medium early, highly esteemed by many on account of its remarkable sweetness. Ears large, well filled with eight rows of large grains, which are a deep bluish-purple. $\frac{1}{4}$ lb. 10c, lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70.

Parching or Pop—Several varieties, red, black, white, etc. Per lb. 10c, 10 lbs. 90c shelled.



Golden Bantam Sweet Corn.

CUCUMBER

Concombre, Fr. Gurken, Gr.

One ounce will plant fifty hills. Two or three pounds for one acre.

Open Air Culture—For general crops plant from the middle of May till the middle of June, in hills five feet apart each way, elevating the hills a little above the level of the ground. Put eight or ten seeds in each hill and cover them half an inch deep with fine soil, and press the earth a little over the seeds with the back of the hoe; keep the ground loose and clear of weeds, and in dry weather water occasionally. After they have obtained a vigorous growth, and the danger from insects is over, they should be thinned out, leaving four thrifty plants in a hill.

NOTICE.—Where Vegetable Seeds are priced at over 15c per oz. we put up and can supply $\frac{1}{2}$ ounces at half the ounce price, unless specially priced.



Improved Long Green Cucumber.

CUCUMBER—Continued

Improved Long Green—Skin dark green, changing to yellow as the fruit approaches maturity; flesh white, somewhat seedy, but crisp, tender and fine flavored. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Ideal Pickling—Of the short green type; pickles dark green in color; solid, crisp and brittle, and of fine flavor, uniformly symmetrical in shape; immensely productive; vines shorter in habit of growth than other varieties; rows can be planted half the usual distance apart, increasing the yield per acre. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Short Green, or Early Cluster—A very popular early Cucumber, producing its fruit in clusters. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Emerald—Its fruit sets early, and its vigorous vines abound in long, straight, handsome and the flavor delicate. Highly recommended as a slicer. Pkt. 5c, oz. 20c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Improved Chicago Pickling—A very prolific variety, combining all the qualities desired by those who raise cucumbers for commercial pickles. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Paris Pickling—Fruits slim and slender, 3 to 5 inches in length, crisp and brittle, snap freely, and when ready for pickling show no signs of seeds. Pkt. 5c, oz. 20c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Early White Spine—The leading variety for early market; uniform in size, averaging 6 or 7 inches in length; straight, and of a rich, dark green color; flesh white, crisp, solid and of fine flavor. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Arlington, or Improved Early White Spine—A very fine, large fruited early strain, largely used for forcing by market gardeners; it is equally desirable as a market or garden variety, planted in the open ground. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Fordhook Famous—A long white spine variety, growing from 10 to 12 inches in length. Fully as long as Long Green and of equally good quality. Pkt. 5c, oz. 20c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Davis Perfect—This cucumber in size and shape resembles a hot-house variety. The fruits are long and slim, of a rich, dark glossy green color, exceedingly tender and of the finest flavor. Very productive. Pkt. 5c, oz. 20c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Cumberland—Of the hardy white spine type, it is a rapid and vigorous grower, and very prolific in fruit. During the whole period of growth the form is exceptionally straight and symmetrical, thus being as fine a slicing variety as a pickling one. The flesh is firm, crisp and tender at all stages. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Boston Pickling or Green Prolific—A popular variety, dark green, uniform small size. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Everbearing—Very early, small size and enormously productive, and valuable as a green pickler. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.50.

Giant Pera—The green cucumbers are fit to eat at any stage of growth, the flesh is very clear, crisp and brittle, and of fine flavor; fruit from 12 to 15 inches in length. Pkt. 5c, oz. 20c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Japanese Climbing—Fruit of medium size, well formed, and of dark green color; flesh very thick and of exquisite flavor. It can be grown as an ordinary ridge cucumber, or as a climber. Pkt. 5c, oz. 20c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

West India Gherkins or Burr—Used only for pickles. Pkt. 5c, oz. 20c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

English Gherkins—For pickles. Pkt. 5c, oz. 20c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Stockwood Ridge—A black spined variety, 12 to 18 inches long. Pkt. 5c, oz. 50c.

FRAME OR GREENHOUSE VARIETIES.

Under Glass Culture—Sow from middle of January, in soil that is slightly moist, and give little or no water until the seeds have germinated; when grown to three leaves, plant out in previously prepared loose, rich soil. In forcing, the night temperature should not be allowed to sink below 60 degrees, and the day heat should range from 70 to 80 degrees. Admit air in mild weather.

Lockie's Perfection—A beautiful green, of medium length and unsurpassed flavor; a wonderful cropper. Pkt. 25c.

Telegraph—(Rollinson's)—Dark green in color; quick in growth, handsome and unusually prolific. One of the most reliable sorts. Pkt. 25c.

CRESS OR PEPPER GRASS Cresson, Fr. Kresse, Gr.

The curled and broad leaved varieties sow thickly in shallow drills every two weeks throughout the season; give occasional waterings in dry weather. Sow in a well prepared bed, and when rooted, transplant to the banks of a running stream.

Extra Curled—Best for salads. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Broad Leaved. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

True Water—Pkt. 10c, oz. 75c, 2 oz. \$1.25.



Chicago Pickling.

**Sow Bruce's Famous
Lawn Grass Seed**



Egg Plant.

EGG PLANT Aubergine, Fr. Eirpflanze, Gr.

Sow seed in a hot bed in March, and plant out end of May in rows 2 feet apart and 1 foot in the rows. They bear fruit when about 15 inches high.

Black Beauty—From 10 to 12 days earlier than New York Improved Purple. The fruits are broad and thick, of most attractive form. The skin is a rich, lustrous, purplish black. The fruits set freely, and are ready to market early, so that the entire crop can be gathered before there is danger of frost. Pkt. 10c, oz. 60c, 2 oz. \$1.10, ¼ lb. \$1.75.

New York Improved Round Purple—The leading variety; very large and productive. Pkt. 10c, oz. 60c, 2 oz. \$1.00, ¼ lb. \$1.50.

Long Purple—Very hardy; early and productive. Pkt. 5c, oz. 40c, 2 oz. 60c, ¼ lb. \$1.00.

GARLIC Ail, Fr.

Plant in rows 6 inches apart and about 2 inches deep; leave a foot between the rows; when the leaves turn yellow, take up the crop. It is used extensively for seasoning pickles, etc.

Large Canadian Sets—¼ lb. 15c, lb. 35c, postpaid to Canadian points.

KOHL-RABI, Turnip-Rooted Cabbage Chou Rave, Fr. Kohl Rabi, Gr.

Sow in spring in rows 18 inches apart, afterwards thinning to 8 inches; cooked same as Cabbage.

Early Purple Vienna—Very popular sort. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c.

Early White Vienna—Handsome, delicate flavor. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c.

ENDIVE Chicoree, Fr. Endivien, Gr.

Sow in middle of July, in drills or beds; when up, thin out to stand 12 inches apart; when leaves are 6 to 8 inches long blanch them by gathering the leaves in the hand and tying them with matting.

Green Curled—Very heavy; leaves dark green, tender and crisp. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c.

White Curled—Leaves pale green, a good variety. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c.

Broad Leaved Batavian—Large, thick, broad leaves, it forms large hearts, which blanched, form one of the best winter salads; excellent for flavoring soups, etc. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c.

LETTUCE Laitue, Fr. Lattich or Garten Salat, Gr.

One ounce will sow a row of 100 feet.

For early use sow in hot beds in February, and for general use as early in the spring as the ground can be worked, in a well prepared bed or drills; thin or transplant to one foot apart for heading. A sowing should be made at intervals throughout the season for succession.

New Wayahead—See Novelties.

Unrivalled or Improved Big Boston—This is a most desirable variety, whether grown in the open ground for summer or fall use, or in frames for spring and early summer. The heads are large and solid, color yellowish, leaves tender, crisp and sweet. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.

Early May King—A very early and extra fine heading cabbage lettuce for early spring planting in the open ground. The plants grow quickly to a diameter of 6 or 7 inches, with the outer leaves very closely folded about the round, solid head. The outer leaves are light green, slightly tinged with brown, the inner leaves being bright golden yellow, with a rich, buttery flavor. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

Grand Rapids—This variety is best adapted for forcing. Leaves medium size of light yellowish-green color, much crimped and frilled, forms a fair sized but loose head, crisp and of good quality. Owing to its upright habit, it may be planted very closely. A good shipper. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

Bruce's Nonpareil Cabbage—This well-known variety has proved itself during the past 40 years to be one of the best Lettuces for outdoor cultivation, and for forcing in the greenhouse it has no equal; in color it is a beautiful yellowish-green, the heads being large, solid, and of the finest quality. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

The Gardener's Favorite (Hamilton Market)—A standard variety for forcing or outdoor cultivation; crisp, sweet and tender. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

Hanson—A well-known variety; heads large. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

Early Curled Simpson (Silesia)—Very early and good for forcing. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

Black Seeded Simpson—A good forcing variety. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

Prizehead—An early variety, with large, loose heads which are green in color, tinged with brown. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

Boston Market or Tennis Ball—One of the earliest, heads, small, solid, crisp and fine flavored. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

Brown Dutch—Very hardy, splendid for winter use. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

Paris White Cos—Finest form of lettuce of the Cos type. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

Detroit Market Gardeners' Forcing—Seed white. A variety quite similar to the Grand Rapids in general character, but it will stand higher temperature and so can be crowded to maturity a little quicker. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.



Bruce's Nonpareil Lettuce.



Leek.

of the best decomposed manure, and mix well with soil, filling a little above the level. Seeds should not be put into the hills until the weather becomes settled and warm.

The "Hoodoo"—A new extra early, orange fleshed variety. See Novelties.

The Grand—It is 10 to 14 days earlier than Osage, is salmon fleshed, and in flavor and quality equals any other variety; a first-class shipping melon; it is just the right size, averaging about six inches in diameter, and two pounds in weight. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Unsworth's Perfect—This fine variety is of local origin, and in this vicinity, where melons are grown on an extensive scale for shipment to other markets it is the favorite of the planter as well as the consumer. It is a finely netted green flesh melon of the Hackensack type, early, productive, of exquisite flavor and handsome appearance. It is very important to those who grow melons to get their fruit early on the market, and the system usually adopted by the growers here is to sow the seeds in hot-beds about the 15th of May, and plant them in the open ground the beginning of June, and as the seeds are placed in sod, the roots are not disturbed when transplanting. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Defender—A salmon fleshed variety, medium size and of exquisite flavor. The fruits are oval in shape, slightly ribbed, and are covered with a slight netting. the flesh is firm, fine grained, rich, deep yellow. The vine is vigorous and productive. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Rocky Ford—An extra early variety, oval in shape and beautifully netted. The melons average about five inches in length and are of the most delicious flavor. Flesh is smooth grained and light green color. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Long Island Beauty—Early, of good size, flattish in shape, well netted, and with sweet, green thick flesh of delicious flavor. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Montreal Improved Green Nutmeg—This variety grows to a large size, beautifully netted and deeply ribbed, flesh light green, melting, and of exquisite flavor. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.

The Princess—Fruit nearly round, with heavily netted, dark green skin; the flesh is of a rich salmon color, and the flavor is sweet beyond description. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.

Osage, or Miller's Cream—Flesh is rich salmon color very thick, sweet, rich and delicious. It has a thin rind, finely netted, a vigorous grower and very productive. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Early Hackensack—A standard variety of good size, flesh green, very sweet and sugary. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Paul Rose—The flesh is salmon in color, extra deep, and of the most delicious flavor. They are wonderfully uniform in size and appearance, the average weight being $1\frac{1}{2}$ lbs. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

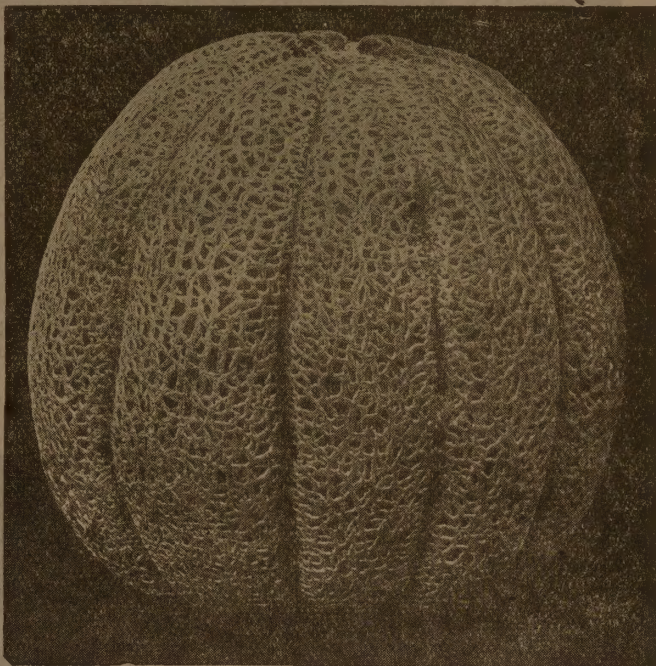
Emerald Gem—Small, early, productive, sweet salmon flesh; smooth skin. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

New Burrell Gem—The melons are six inches long by four inches in diameter, rather sharply sloping at the ends. They are well ribbed and covered with a fine grayish netting. The skin is a rich, dark green, contrasting finely with the deep orange-salmon color flesh, which is sweet, tender, thick and firm, ripening close to the skin, leaving only a thin rind. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

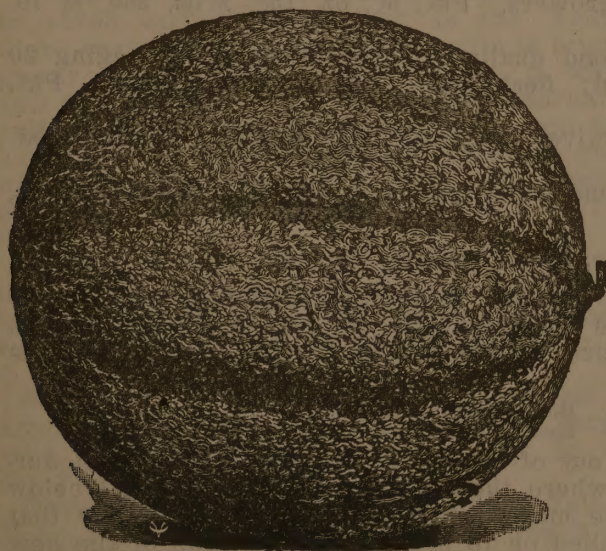
MUSK MELON Melon, Fr. Melone, Gr.

One ounce will plant about 60 hills; 3 lbs. to the acre.

Culture—Plant middle of May, in hills six feet apart each way, eight to ten seeds in each, and thin out to three or four plants when in a state of forwardness. To grow good melons the hills should be prepared by digging out the soil from one and a half to two feet deep, and two or three feet broad, according to the richness of the land. Add a very liberal quantity



Unsworth's Perfect Musk Melon.



Rocky Ford Musk Melon.

WATER MELON Melone d'eau, Fr. Wasser Melone, Gr.

One ounce for every 30 hills; 4 to 5 lbs. per acre.

The Water Melon is purely a tropical plant, greatly appreciated for its refreshing coolness and delicious flavor. Cultivate same as Musk varieties, only that the hills should be 8 ft. apart each way.

Peerless—An extra early variety of medium size, thin rind, light mottled green; flesh bright scarlet. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Cole's Early—Early, hardy and a sure cropper, of medium size, nearly round, flesh dark red. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Cuban Queen—Flesh bright red, remarkably solid, crisp and sugary, and delicious flavor. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Kleckley Sweets—Large, oblong Melons, 20 inches in length by 10 or 12 inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about onehalf inch in thickness. The white seeds are placed close to the rind. Flesh crisp and sugary. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Hungarian Honey—One of the most luscious varieties, and at the same time ripens early; is of good size, perfectly round and productive; skin a handsome medium dark green, flesh bright red. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Tom Watson—New—See Novelties.

Iceberg—This is the hardest Melon we know of, admitting of earlier planting than any other variety. Melons ripen very early, are uniformly large, of thick, oval form, rich dark green skin, with faint striping of a lighter shade; flesh deep, rich pink, crisp and melting, remarkably sweet, sugary flavor. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Dixie—A cross between Kolb's Gem and Mountain Sweet, surpassing the former in shipping qualities, and fully equalling the latter in flavor, being a week or ten days earlier than either. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Sweetheart—Early, uniformly large, handsome and productive. As a shipper and long keeper it has no equal. Fruit is oval, heavy, and mottled light green. Flesh bright red, firm and solid, but very tender. A profitable variety for market gardeners. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Black Boulder—Nearly round, of immense size and great productiveness. Its color, a rich, dark, glossy green, almost black, makes it very attractive; the flesh is deep scarlet, sweet and juicy. A splendid shipper and all round good melon. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Kolb's Gem, or American Champion—It attains a weight of from 25 to 50 lbs. Its flavor and its keeping qualities are the best. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

The Boss—Oblong in shape, skin dark green, flesh deep scarlet and of rich flavor; early, heavy productive and a good shipper; a favorite with market growers. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

McIvor's Wonder—A fine shipper, handsome, and of good quality, oblong in shape, averaging 20 inches in length; skin striped light green on dark ground; flesh pale pink, crisp and sweet. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Citron, Colorado Preserving—Of large size, very productive, and excellent quality. Green seed. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Citron—Fruit round, flesh white and solid; used for making preserves only. Red Seed. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

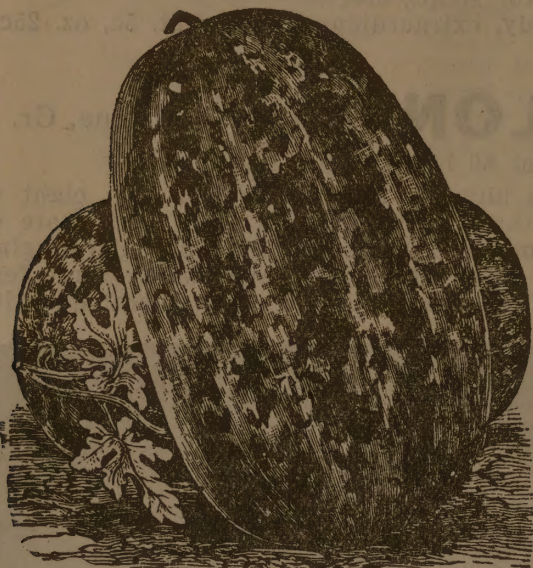
MUSTARD Moutarde, Fr. Senf, Gr.

For early salad sow in hot-beds in February and March; and for general crops at intervals throughout the season in shallow drills 6 inches apart. White, for salad, pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

Chinese, or Giant Curled—The leaves are twice the size of the ordinary, while the flavor is sweet and pungent. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

MUSHROOM SPAWN Blanc Champignon, Fr. Essbarre Blatter Schwamme, Gr.

Mushrooms can be grown in any cool, shady situation out of doors in the summer time, and during the winter months in any greenhouse, shed or cellar where the temperature does not fall below 45 deg., and is tolerably uniform. These are possibly the most profitable crop for the outlay that can be grown. The spawn we offer can be thoroughly relied on to produce a good crop of the best mushrooms. Directions for cultivation accompany each order.

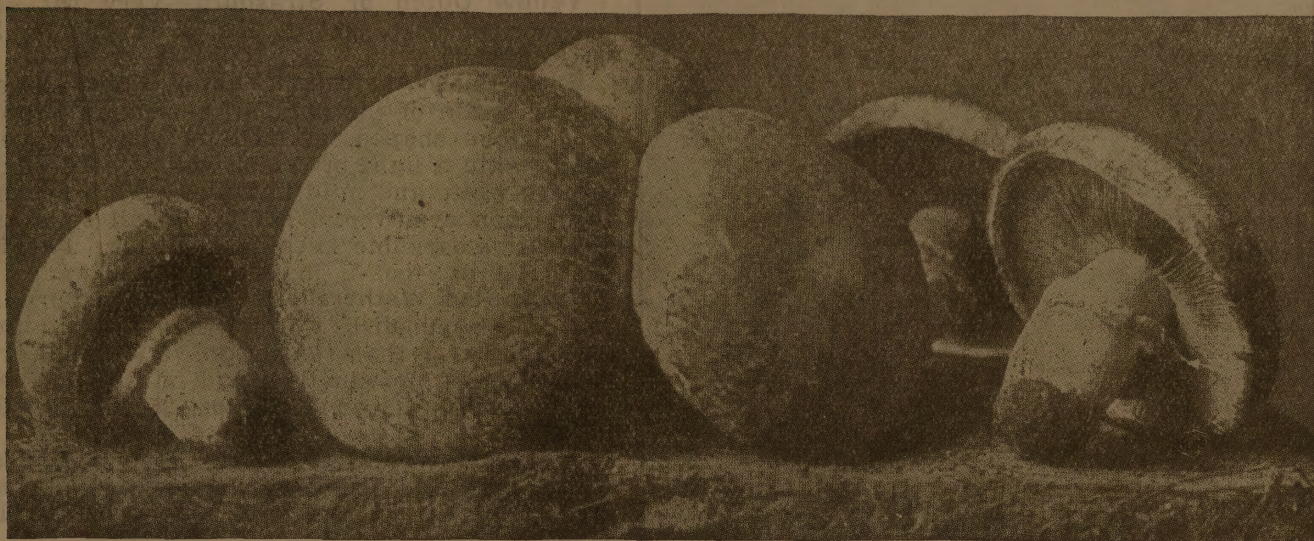


Peerless Water Melon.



Dixie Water Melon.

MUSHROOM SPAWN—Continued.



Lambert's Pure Culture Spawn—An American product, made from carefully selected spawn, which is claimed is much more vigorous than the imported article, and will produce Mushrooms of a very superior quality and flavor. This spawn received the highest award at the St. Louis Exposition in competition with all other spawn.

Bricks are of two kinds, **Standard bricks** and **Direct bricks**. The standard brick is inoculated from a pure culture transfer. The direct brick is inoculated directly from the pure culture, as raised in the laboratory, without intermediate transfer.

Standard Bricks (White Mushrooms)—Per brick 25c; per dozen \$2.50.

Direct Bricks (Light Brown Mushroom)—Per brick 35c; per dozen \$3.60.

If to be sent by mail, add 10c a brick for postage within the Dominion of Canada, and 25c to Newfoundland and the United States.

One brick of Lambert's Spawn weighs from $1\frac{1}{4}$ to $1\frac{1}{4}$ lbs., and will be sufficient to spawn about one square yard of bed.

Book on Mushroom Culture and Pure Culture Spawn 15c, or free with orders of $\frac{1}{2}$ doz or more bricks

French Virgin Spawn—Virgin Spawn is characterized by its great vigor of growth, and being raised from spores of the best and healthiest mushrooms, it does not contain any of the bacterial or other organisms which may be prevalent in spawn that has not been manufactured and sterilized by this new process, sold in the form of compressed and sterilized manure slabs and tablets, thoroughly pervaded by the spawn, and which are $1\frac{1}{2}$ ins. thick and $2\frac{3}{4} \times 3\frac{3}{4}$ ins. in surface. 15c tablet, \$1.50 a doz.

If by mail, add 15c dozen to Canadian points and 30c dozen to Newfoundland and the United States.

Fresh English Milltrack Spawn in bricks 20c each, 5 for 90c, 12 for \$1.80. If to be sent by mail, add 10c a brick for postage within the Dominion of Canada, and 25c to Newfoundland and the U. S.

ONION

Zwiebeln, Gr.

Oignon, Fr.

One ounce will sow a row of 100 feet; 5 lbs to the acre.

Onion seed is sown from the first of April to middle of May, the earlier the better, provided the ground is light enough to work dry and fine. Rich soil, with a good application of manure every year, and proper attention, will almost invariably insure a good crop. Onions, unlike most other crops may be raised on the same ground for an indefinite length of time. Onion sets and tops are placed on the surface in shallow 12 inch drills, about four inches apart, but not covered.

Bruce's Model Yellow Globe Danvers—This improved variety is the best of the Yellow Globe varieties, large in size, the skin is bright, glossy golden yellow, and the flesh is white and fine grained. The bulbs are remarkably uniform in size and shape, and being firm and hard, possess fine keeping and shipping qualities. The most profitable variety for market gardeners. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 70c, lb. \$1.90.

Danvers Yellow Globe—A fine variety; above the medium size; globular in form, skin yellowish brown, flesh white; mild and well flavored; very productive. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

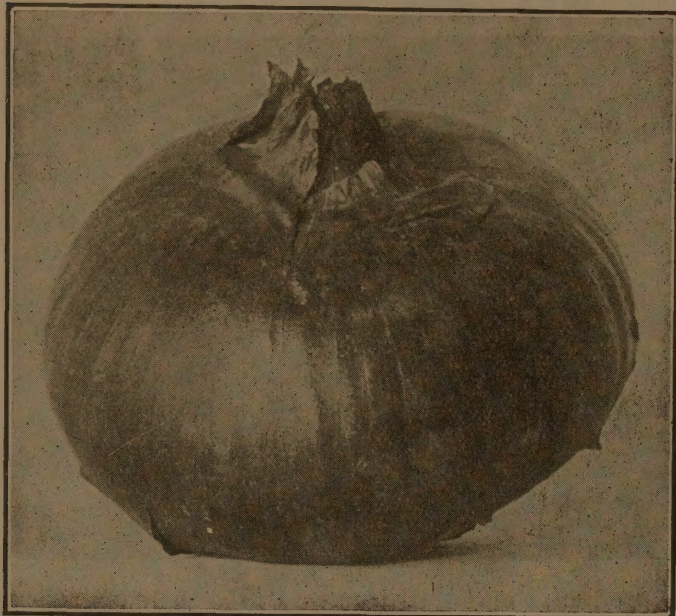
Southport Yellow Globe—The handsomest of American varieties, perfect in shape, large, solid, splendid yielder and keeper. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 70c, lb. \$1.90.

Danvers Yellow Flat—Similar to the Yellow Globe, but flat in shape. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.40.



Bruce's Model Yellow Globe Danvers.

ONIONS—Continued.



Red Wethersfield Onion.

White Globe—A large, globe-shaped variety; very solid, of mild flavor and good keeper; clear white skin. Commands highest market price. Pkt. 5c, oz. 30c, 2 oz. 50c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

White Portugal—Large, flat, mild, fine for early winter. Pkt. 5c, oz. 30c, 2 oz. 50c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.

White Welsh—This variety is grown exclusively for bunching, or green onions. Very mild and delicate flavored. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 65c, lb. \$2.25.

Australian Brown—Of good marketable size, it ripens earlier than Yellow Danvers or Red Wethersfield. The outside skin is of a deep, amber brown, distinct from all other onions, and it is extremely hard and firm, and of fine flavor, and is the best keeper of all onions. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.40.

Ailsa Craig—This is a splendid exhibition variety, and if transplanted grows to an immense size. It is a very large oval shaped variety, with light, straw colored skin. Pkt. 10c, oz. 60c, 2 oz. \$1.10, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

Giant Prizetaker—American grown. This variety may be grown to an enormous size by sowing the seed in a hot-bed in February or March and transplanting out as soon as the

ground is in condition, some of our customers exhibiting specimens weighing as much as 3 lbs. each, and measuring 18 inches in circumference. Globe shaped, of a rich straw color, solid, and an excellent keeper; flesh white, in flavor mild and sweet. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 70c, lb. \$1.90.

Giant Spanish or Gibraltar—See Novelties.

NEAPOLITAN ONIONS.

Giant White Tripoli—Large and handsome. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

Mammoth Silver King—An extra large, white skinned and white fleshed variety. It matures early. In shape somewhat flat, and of an exceedingly mild and delicate flavor. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

Giant Rocca—Large globular shaped, light brown skin. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

PICKLING ONIONS.

Small Silver Skin Pickling—A standard variety, largely grown for pickles. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

White Barletta—An extra early small, white skinned variety, flesh pure white; very mild in flavor; excellent for pickling. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

Queen—This is another extra early variety; small, flat and mild flavored. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.



Silver Skin Pickling.

NEW SHALLOT ONIONS

{ Raised by a grower in this vicinity; grow larger stalks and sweeter than old variety; superior in every way. 20c quart here, or 30c quart postpaid.

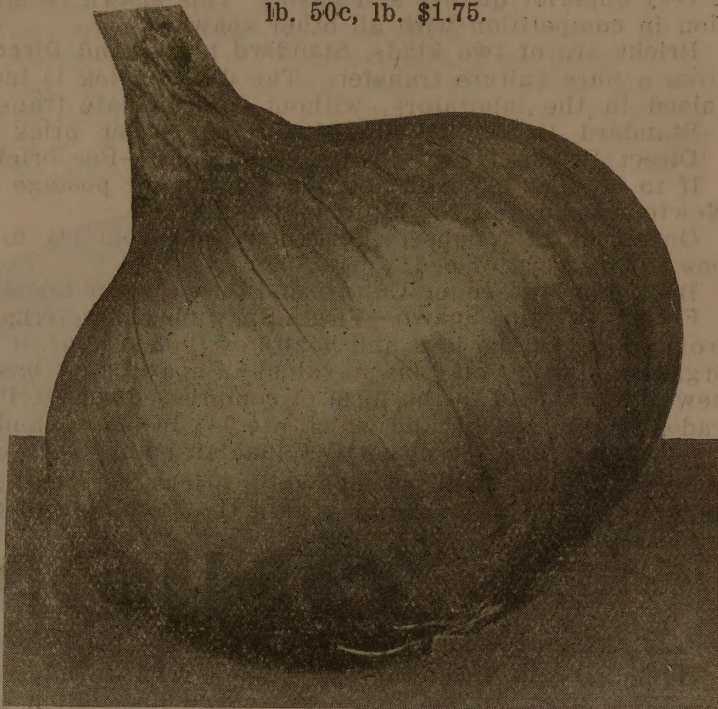
Yellow Dutch or Strasburg—Very flat and productive. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.50.

Extra Early Australian Yellow Globe—A new yellow strain of the popular Australian Brown. It is globe shaped, of medium size and very solid; skin a light brownish yellow. The flesh is pure white and mild in flavor. Thin necked, they ripen evenly and quickly in all soils and possess remarkable keeping qualities. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 70c, lb. \$2.00.

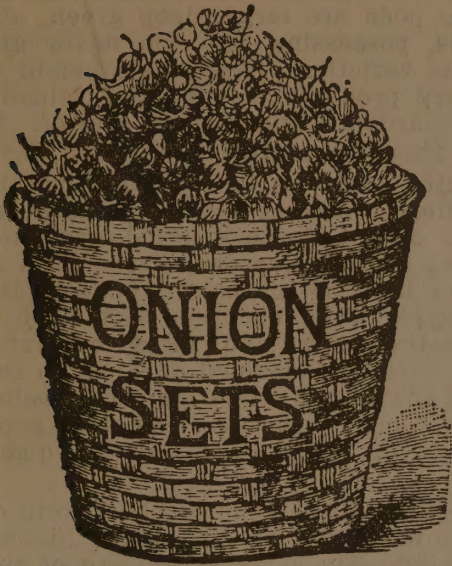
Large Red Wethersfield—Skin deep purplish red; flesh purplish white; fine grained and stronger flavor than that of the yellow and early red varieties; productive, and one of the best to keep. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.40.

Southport Red Globe—Skin deep red, flesh white, mild and tender; handsome in appearance. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 70c, lb. \$2.00.

Extra Early Flat Red—Resembles the Wethersfield in color, but much earlier; valuable for heavy, late soils. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.



Giant Prizetaker Onion.



ONION SETS

When wanted in large quantities, write for special quotations. We give heaped measure.

White Potato.. . . .	Per qt. 25c, 4 qts. 90c
Dutch Sets—White .. .	" 25c, " 90c
Dutch Sets—Yellow.. .	" 20c, " 70c
Shallots.. . . .	" 15c, " 50c
Top or Button.. . . .	" 25c, " 90c
English Potato	" 20c, " 70c

When sets are to be mailed, postage must be added at the rate of 10c per quart, 4 quarts for 30c, within the Dominion of Canada, and 25c per quart to Newfoundland and the United States.

OKRA Gombo, Fr. Safran, Fr.

Plant late in the spring (after the ground has become warm), in drills two and a half feet part; thin out to 9 inches in the row. Use the pods when green and tender.

Dwarf Green—Round, smooth pods. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.



Hollow Crown Parsnip

PARSNIPS

Panais, Fr. Pastinaken, Gr.

Sow as early as the ground will permit in very rich, loamy soil, in rows fifteen inches apart, and thin to seven inches in the row. The roots are very hardy, and are greatly improved by remaining in the ground through winter.

Bruce's Improved Hollow Crown—A decided improvement on the old variety; roots are finely shaped and flavor excellent. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. \$1.25.

The Student—Well known variety, fine flavor. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 35c, lb. \$1.25.

PARSLEY Persil, Fr. Petersilie, Gr.

Sow early in the spring in drills 12 inches apart, thin out the plants to 6 inches apart. To have green during the winter, remove plants into a box and place in a light cellar or cold frame.



Champion Moss Curled Parsley.

Extra Curled—Leaves beautifully curled. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. \$1.25.

Champion Moss Curled—This is the perfection of Parsley. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. \$1.25.

Carter's Fern Leaved—Invaluable for garnishing. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. \$1.50.

PEAS Pois, Fr. Erbsen, Gr.

One quart for a row of 75 feet.

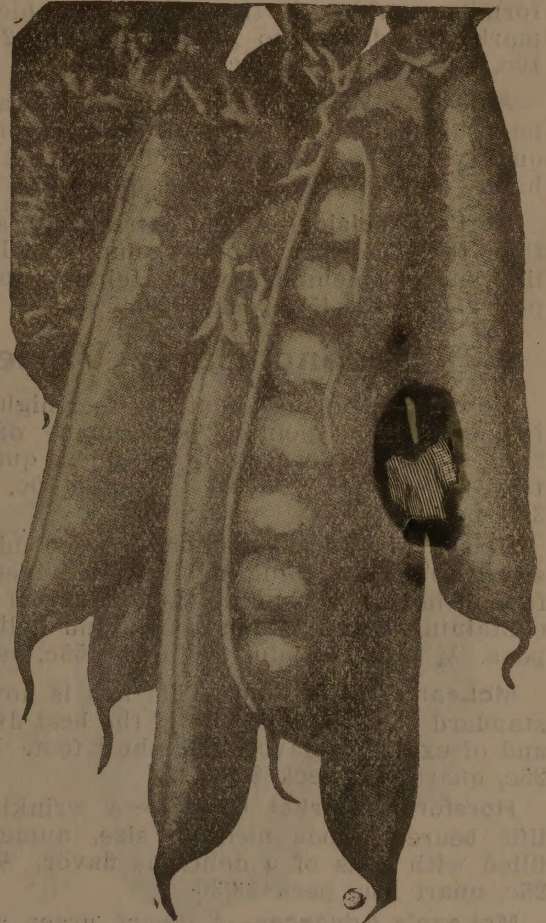
The soil best adapted for the Pea is a rich loam, well manured the previous year (using thoroughly decomposed manure if any, immediately before planting). For early crops sow as early in the spring as the ground can be worked, in drills three feet apart, and for a succession every two weeks until the 1st of July. When they are about two inches high begin to draw the earth to the stems. Hoe often in dry weather. Peas should be soaked in water before planting, and if the ground is very dry they should be watered in the hills.

EXTRA EARLY VARIETIES.

New Extra Early Pea, Richard Seddon—See Novelties.
New Extra Early Pea, Little Marvel—See Novelties.

Bruce's "Regal"—New—One of the finest early dwarf peas ever introduced. It is good in all respects, and ready for gathering several days before "Gradus," the pods are very large, quite double the size of any of the "American Wonder" type. Height averages eighteen inches, a nice height for market or private purposes. The haulm is covered with even sized pods, 8 and 9 on a vine, and 9 and 10 in a pod. Pkt. 15c, ½ pint 20c, pint 35c, quart 65c, 4 quarts \$2.40.

Velocity—New—Extra early—A round, blue pea, not so large or sweet as the wrinkled varieties, but its extreme earliness makes it very valuable. Grows about two feet high. ¼ pint 10c, pint, 25c, quart 45c, peck \$3.30.



Little Marvel Pea.



Bruce's Unrivalled Pea.

Alaska—One of the earliest blue varieties, productive, and a good canner. Height 1½ feet. ¼ pint 10c, pint 20c, quart 35c, peck \$2.70.

Bruce's Early Conqueror—This well known variety surpasses all other Peas as to earliness. Prolific cropper, bearing large pods; ripens up with wonderful uniformity, making it the most profitable early pea for market gardeners to grow. Height 2 feet. ¼ pint 10c, pint 20c, quart 35c, peck \$2.70.

American Wonder—An extra early dwarf wrinkled variety, unrivalled in point of productiveness, flavor and quality. Height 10 to 12 inches, with a very branching habit. ¼ pint 10c, pint 25c, quart 45c, peck \$3.30.

Nott's Excelsior—A fine extra early, a few days later than the American Wonder, but pods larger, very prolific and of splendid flavor. Height 1 foot. ¼ pint 10c, pint 25c, quart 45c, peck \$3.30.

Second Early Varieties

Heroine—Growing about 2½ feet high, it bears a profusion of large pointed pods, many of which contain from 8 to 9 large peas of the finest quality; rich, buttery, new-like flavor. ¼ pint 10c, pint 20c, quart 35c, peck \$2.70.

Daisy, or Dwarf Telephone—A second early pea of a sturdy and branching habit. The vines grow about 2 feet in height, bearing an abundance of well-filled pods, containing seven to nine large and deliciously flavored peas. ¼ pint 15c, pint 30c, quart 55c, peck \$4.00.

McLean's Little Gem—This Pea is now a well known standard variety. It is one of the best dwarf early sorts, and of exquisite flavor. Height 1 foot. ¼ pint 10c, pint 25c, quart 45c, peck \$3.30.

Horsford's Market Garden—A wrinkled variety, prolific bearer; pods medium size, numerous and well filled with peas of a delicious flavor. ¼ pint 10c, pint 25c, quart 45c, peck \$3.30.

McLean's Advancer—A dwarf, green wrinkled variety of fine flavor. The best canner. ¼ pint 10c, pint 20c, quart 35c, peck \$2.70.

PEAS—Early Varieties—Continued.

Bruce's Early Settler—A grand extra early wrinkled marrow variety. The pods are large, deep green, and filled with large peas, possessing the rich flavor and quality of the best late varieties. It attains a height of about 1½ feet, is very productive, and most valuable alike for the market gardener and private grower. ¼ pint 15c, ½ pint 20c, pint 35c, quart 65c, 4 quarts \$2.40.

The Pilot—New Extra Early—It is a hardy, vigorous branching plant, growing three feet in height, and bears throughout the length of the haulm a large proportion of pods in pairs, which contain five deep green peas of exquisite flavor. The best of all early round-seeded varieties. ¼ pint 15c, pint 30c, quart 55c, peck \$4.00.

The Sherwood—Another new and improved extra early, dwarf wrinkled variety, a decided advance on the old dwarf varieties of the Wonder type, the pods being larger, containing 7 to 8 peas of the finest flavor; good cropper; height 20 inches. ¼ pint 15c, pint 30c, quart 55c, peck \$4.00.

Bruce's Unrivalled—New—It is a more robust form of American Wonder, growing five or six inches higher, and about ten days later. The pods, which are of the same brilliant deep green color as the plant, are produced in great profusion, each completely packed with 8 to 10 large and very sweet flavored peas. ¼ pint 15c, pint 30c, quart 55c, peck \$4.00.

Thomas Laxton—A fine variety, producing large pods in abundance and of delicious quality. It will mature as early as the extra early smooth peas, and being a wrinkled sort is much sweeter. It is an improvement on Gradus, being earlier, hardier and darker. ¼ pint 15c, pint 30c, quart 55c, peck \$4.00.

Gradus—Pods are as large and as well filled as Strata-gem, with peas of exquisite flavor. The vine has heavy stems, with large, dark green leaves, and grows to a height of three feet; pods large, nearly round, and of a deep green color. ¼ pint 15c, pint 30c, quart 55c, peck \$4.00.



Pea—Thomas Laxton.



Pea—Bruce's C. P. R.

PEAS—Continued.—GENERAL CROP.

Telephone—Immensely productive and of the finest quality. Vines very strong, averaging 18 to 20 pods per stalk; the pods are of large size, containing 6 to 7 peas each, which are of pale green color, and are closely packed in the pod, and of most delicious flavor; 4 feet. $\frac{1}{4}$ pint 10c, pint 25c, quart 45c, peck \$3.30.

Champion of England—Good for general crop, very fine flavor; height 4 feet. $\frac{1}{4}$ pint 10c, pint 20c, quart 35c, peck \$2.70.

Improved Stratagem—One of the best of the many English Peas. It grows to a height of two feet, and plant is literally covered with immense pods, many measuring six inches in length and frequently containing ten large, fine flavored peas. $\frac{1}{4}$ pint 10c, pint 25c, quart 45c, peck \$3.30.

Bruce's Improved C. P. R.—The best main crop, blue, wrinkled marrow pea. It grows about two feet high, of a sturdy, branching habit, and it requires to be sown thinly, as the pods are produced from the very bottom of the plant to the top. The pods are large and slightly curved, and filled with peas of a fine deep green color, and of the most delicious flavor. $\frac{1}{4}$ pint 10c, pint 30c, quart 50c, pk. \$3.75.

Sugar or Edible Podded—The pods are cooked like String Beans. If used when about half grown they are deliciously tender and sweet. $\frac{1}{4}$ pint 20c, pint 60c, qt. \$1.10.

Large White Marrowfat—Great bearer, large pods. Pint 10c, quart 20c, peck 80c, bushel \$3.00.

Black-Eyed Marrowfat—A very prolific, first-rate variety. Pint 10c, quart 20c, peck 80c, bushel \$3.00.

When Peas are to be sent by mail, add postage at the rate of five cents per pint within the Dominion of Canada, and sixteen cents per pint to Newfoundland and the United States.

PEPPER

Piment, Fr. Spanischer Pfeffer, Gr.

Sow early in the spring in a hot-bed, and transplant end of May in rows 18 inches apart and 10 inches in the row, and earth up a little at one or two hoeings.

Hamilton Market—This handsome Pepper is of local origin, and is grown almost exclusively by the large growers of peppers on the north shore of Hamilton Bay and around Burlington, who pretty nearly supply the rest of the province with their peppers. Hamilton Market Pepper is decidedly the earliest and most productive of all the large, mild red peppers. The strong, vigorous plants grow about 1½ feet high, they are completely laden with beautiful fruits, and bear continuously until frost. Pkt. 10c, $\frac{1}{2}$ oz. 40c, 1 oz. 75c.

Neapolitan—This is one of the earliest of all large, mild red peppers, and very productive. The plants are strong and vigorous and bear their handsome fruits continuously throughout the season. The skin and flesh are bright red; they are thick-meated and very mild. Pkt. 5c, oz. 50c.

Chinese Giant—Undoubtedly the largest sweet pepper. The plant is of strong, vigorous growth, about two feet high when fully grown, and a very prolific bearer of large peppers, which are of a bright scarlet color when ripe. The flesh is quite thick, very mild and remarkably sweet. Pkt. 10c, oz. 75c.

Chili—Pods pendant, shape conical, about two inches in length; very piquant. Pkt. 5c, oz. 40c.

Bell, or Bull Nose—A large, early variety, sweet and mild. Pkt. 5c, oz. 40c.

Long Red—Pods brilliant red, and three and four inches in length; very productive. Pkt. 5c, oz. 40c.

Mammoth Spanish—One of the largest and earliest varieties. Flesh is sweet and mild. Pkt. 5c, oz. 40c.

Monstrous, or Grossum—A remarkably fine variety, growing to a large size. Pkt. 5c, oz. 40c.

Procopp's Giant—Very large, thick fleshed, scarlet variety. Pkt. 5c, oz. 40c.

Ruby King—Beautiful bright red; fruit very large and mild. One of the best. Pkt. 5c, oz. 40c.

Cayenne—Pods are small, cone shaped, coral red when ripe. Pkt. 5c, oz. 40c.

Cherry—Pods of fruit erect, nearly globular, cherry form; of deep, rich, glossy scarlet. Pkt. 5c, oz. 40c.

Giant Italian—Red and Yellow—See Novelties.



Ruby King Pepper.

PUMPKIN

Potiron, Fr. Kurbis, Gr.

Plant middle of May in manured hills eight feet apart and leave but two or three plants in a hill.

Cheese—Medium size, one of the best for cooking purposes. Pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Sugar—Average about 10 inches in diameter, flattened or slightly ribbed, skin orange-yellow, flesh sweet, splendid keeper. Pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.

Large Yellow—Better adapted for feeding purposes than for cooking. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

King of Mammoth or Jumbo—Can be grown to an enormous size; flesh fine grained and of excellent quality. Pkt. 10c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

Japanese Pie—Crooknecked variety, productive, ripens early, medium size, good keeper. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.



King of Mammoth Pumpkin.

SELECTED SEED POTATOES

Pomme de Terre, Fr. Kartoffel, Gr.

Irish Cobbler—Popular early good quality, white skin.

Early Rose—An old favorite.

Extra Early Bovee—An early, wonderfully productive variety of excellent quality. Skin flesh color.

Extra Early Ohio—A fine early potato of vigorous growth and superior quality. Skin pink.

Extra Early Eureka—A white skinned early variety of good quality, and a good cropper.

Noroton Beauty (Quick Lunch)—The most productive early, yielding as heavily as the medium early sorts; of handsome appearance and uniform in size and shape, with flesh colored skin and pink eyes, splendid keeper.

Chicago Market—A fine extra early variety resembling the Ohio, an improvement on this fine sort.

King's Seedling—A week later than Extra Earlies, but larger, better quality and heavier yielder, with skin of a light rose color, highly recommended.

Delaware—Medium early, heavy cropper, fine quality.

Green Mountain—Medium early, heavy cropper, fine quality.

Bruce's White Beauty—This excellent potato still retains the position it has occupied since we introduced it nineteen years ago, on account of its attractive appearance and the excellence of its table qualities. The skin and flesh are pure white, the tubers are uniform in size and is a good keeper.

Prices of above varieties subject to market fluctuations. 1 lb. 15c, 5 lbs. 65c, postpaid to Canadian points; peck 45c, $\frac{1}{2}$ bushel 80c, bushel \$1.40, bag \$2.00 here. Jute bags 10c each extra.

Sir Walter Raleigh—Main crop, very productive, white flesh and skin, of uniform large size, smooth, with few shallow eyes, and of splendid quality.

Gold Coin—A very hardy, vigorous growing, productive main crop variety of splendid quality.

The Dooley—Main crop, fine quality, and a heavy cropper; fine skin and fine appearance.

Prices of above varieties subject to market fluctuations. 1 lb. 15c, 5 lbs. 60c, postpaid to Canadian points. Peck 40c, $\frac{1}{2}$ bushel 75c, bushel \$1.30, bag \$1.90 here. Jute bags 10c each extra.

We usually commence shipping about 1st of April (weather permitting.)



Bruce's Non Plus Ultra Forcing Radish.

RADISH

Radis, Fr.

Rettig, Gr.

One ounce will sow a row of 100 feet.

For early crops they should be sown in hot beds in February or March, and the open air as soon as the ground can be worked and at intervals of ten to twelve days for a succession throughout the season. Sow in drills 8. to 10 inches apart, and thin to a distance of two inches in the drills. The winter varieties should be sown in August and lifted before severe frost. A warm loam, made rich and light by some well-rotted sandy manure will be the most likely to produce them brittle and free from worms.

Bruce's Non Plus Ultra (forcing) — A wonderfully rapid grower, which is fit for use within three weeks; the root is round and bright scarlet; the flesh tender and delicate; it produces but few leaves. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.

Rosy Gem (forcing)—One of the earliest, perfectly globular; color rich, deep scarlet at the top, blending into pure white at the bottom, exceedingly tender and crisp. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.00.

RADISH—Continued.

New White Tipped Radish—Sparkler—See Novelties.

New Forcing Radish—The Norseman—See Novelties.

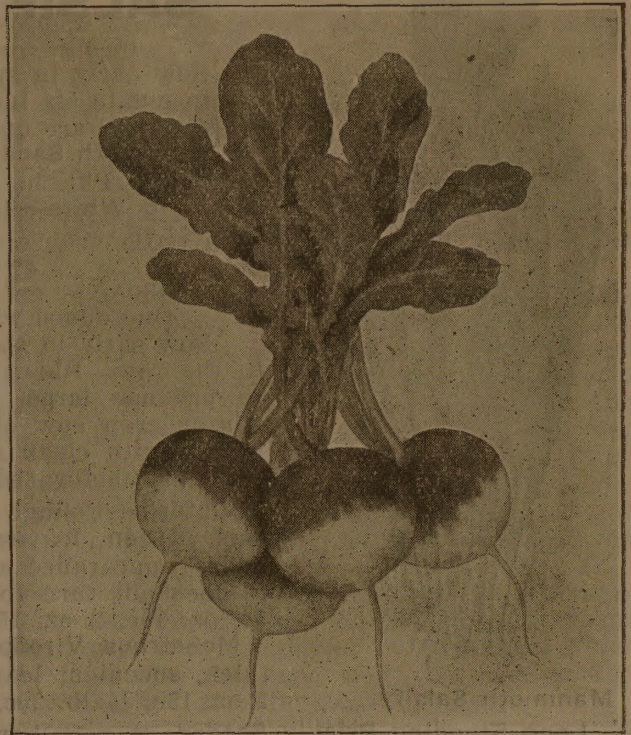
Bruce's In and Out (forcing)—Similar in size and shape to the Scarlet Turnip White Tipped, but of smaller top and much quicker growth, coming to maturity in a little over 20 days; desirable variety. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.00.

Crimson Giant Forcing—This differs considerably from other extra early sorts in so far as its roots attain more than double the size of existing forcing varieties without getting pithy or hollow. In form it varies a little, some of the roots being long and others inclined to be oval, but its beautiful deep crimson color is quite constant. It combines the advantages of a good hothouse radish with that of a summer or out-door variety. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.00.

Johnston's Boston Market—A very superior selection, resembling French Breakfast in shape, but shorter and thicker. The White Tip is well developed, and gives it a most attractive appearance. Very early, and has a short top. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.00.

Scarlet Globe—Handsome shape, color brilliant red, flesh white and crisp, mild and of fine flavor. Pkt. 5c, oz. 10c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. 90c.

Deep Scarlet Turnip—Color of the skin is very dark red, flesh white, with very small tap root. Pkt. 5c, oz. 10c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. 90c.



Scarlet Turnip White Tip Radish.



Chartier Radish.

Scarlet Turnip, White Tipped—A standard market variety. Pkt. 5c, oz. 10c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. 90c.

French Breakfast—Oval form, color scarlet, white tipped. Pkt. 5c, oz. 10c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. 90c.

Scarlet Oval Shaped—Skin fine scarlet flesh rose color. Pkt. 5c, oz. 10c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. 90c.

White Turnip—Skin and flesh white, later than Scarlet. Pkt. 5c, oz. 10c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. 90c.

Half Long Deep Scarlet—An early variety, intermediate in shape between the Long Scarlet and the Scarlet Olive Shaped. Pkt. 5c, oz. 10c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. 90c.

Chartier—A long radish, of deep crimson color at top, shading off lighter until at the bottom they become white. Of large size, tender and crisp. Pkt. 5c, oz. 10c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. 90c.

Long Brightest Scarlet—Resembles the old Long Scarlet in shape and size, but in color is very distinct, being of the most vivid scarlet imaginable, the tip of the roots being pure white. Pkt. 5c oz. 10c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. 90c.

Long White Vienna, or Lady Finger—This is the best long white variety. Of handsome form, skin and flesh pure white, of very rapid growth, remarkably crisp, brittle and tender. Pkt. 5c, oz. 10c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. 90c.

Icicle—A fine early long white variety for forcing or out-doors, attractive and of fine quality. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.

WINTER RADISHES.

China Rose Colored—Medium, flesh firm, rather piquant. The standard winter variety. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Chinese White, or Celestial—Stump-rooted, very like Nantes Carrot; about 6 inches long, fine for winter. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Black Spanish Round—Large size, skin black, of fine quality. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Black Spanish Long—Similar to preceding in every respect except shape. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

California Mammoth or White Russian—A giant white fleshed fall radish. It grows from 8 to 10 inches in length and about 2½ in diameter. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

RHUBARB Rhubarbe, Fr. Rhabarber, Gr.

Sow early in spring in rows 12 inches apart; the following spring transplant into rows two feet apart each way; manure the ground to a depth of two feet. In raising rhubarb from seed, no reliance can be placed on their producing the true varieties; the most expeditious and satisfactory mode to obtain a supply is to procure roots, which will produce a moderate supply the first season.

Victoria—Very large, fine for cooking. Pkt. 5c, oz. 30c, 2 oz. 50c, $\frac{1}{4}$ lb. 90c.

Myatt's Linnaeus—Very early and tender. Pkt. 5c, oz. 30c, 2 oz. 50c, $\frac{1}{4}$ lb. 90c.

Rhubarb Roots, each 20c, three for 50c, \$2.00 per dozen postpaid.

SEA KALE Crambe Maritime, Fr. Meer Kohl, Gr.

Sow in drills one foot apart and thin out to four inches in the row. When one year old transplant into hills eighteen inches apart and three plants to each hill. On approach of frost, cover about two feet thick with dried leaves. Pkt. 5c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

**Mammoth Salsify.**

Long Standing Prickly Seeded—A very hardy, compact growing variety. Slow to run to seed. Pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 20c, lb. 50c.

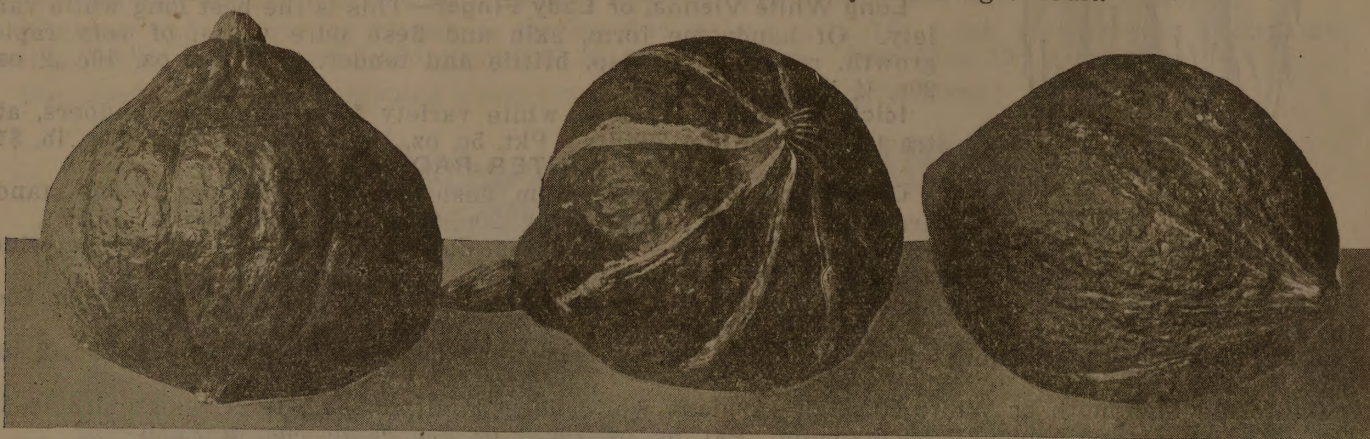
New Zealand—Produces leaves of the greatest succulency in the hottest weather. Pkt. 5c, oz. 15c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Large Orach or Mountain Spinage—Cultivated and used like spinage, but by many is much preferred to it. We offer Red, which has dark red leaves, and White, with pale green (almost yellow), leaves. Pkt. 5c, oz. 20c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

SQUASH Courge, Fr. Speise Kurbis, Gr.

One ounce for fifty hills.

Any good enriched soil is adapted for the growth of Squashes. They only thrive well in a warm temperature, as all the varieties are tender annuals, and the seeds should be sown in the spring until all danger from frost is passed and the ground is warm and thoroughly settled. The hills should be made from 8 to 10 inches deep, manured well, and the seeds covered about three-fourths of an inch deep. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants in a hill. The custom of cutting or nipping off the leading shoots of the running varieties is now practised to some extent, with the impression that it facilitates the formation of fruit laterals and the early maturing of fruit.

**Boston Marrow.****Green Hubbard.****Golden Hubbard.**

Early White Scallop Bush—Early flat, scalloped shaped, fine grained. Pkt. 5c, oz. 15c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Early Yellow Scallop Bush—Early and prolific. Pkt. 5c, oz. 15c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Golden Custard—An improved Early Yellow Scallop Squash, of true bush growth and nearly as early. The fruits are much larger, and have a rich, golden-orange skin as well as rich creamy yellow flesh; very productive. Pkt. 5c, oz. 15c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Yellow Summer Crookneck—One of the best of summer varieties. Pkt. 5c, oz. 15c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Long White English Marrow—A very long white marrow of the finest quality; very productive. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Long White Bush Marrow—The fruit of this bush variety is similar in size and color to the preceding. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

SALSIFY OR VEGETABLE OYSTER

Salsifis, Fr. Haferwurz, Gr.

Sow early in spring, in drills twelve inches apart, one inch deep, and thin out to six inches in the row; cultivate similar to Carrots and Parsnip. They are quite hardy and will stand the winter in open ground.

Mammoth Sandwich Island—Roots are very large and of excellent quality. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Long White—Standard variety. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

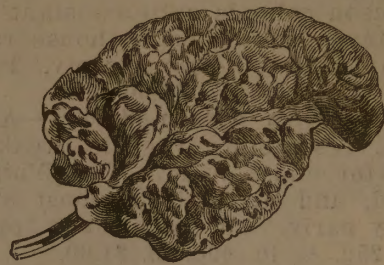
SPINAGE Epinard, Fr. Spinat, Gr.

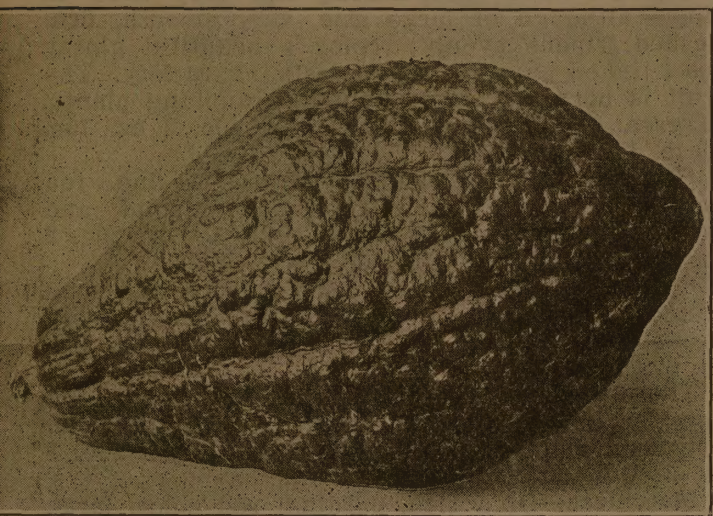
One ounce will sow a row of 100 feet; 10 to 12 lbs. for an acre.

Sow early in spring, in drills one foot apart, and thin out to six inches to the row. Rich, light soil is requisite to produce large, tender leaves. For winter crop sow end of August; cover lightly with clean straw; soak the seed six hours before sowing.

Victoria—Foliage heavy, the broad, dark green leaves being of the true Savoy appearance and the finest quality. It does not turn to seed quickly. Pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Monstrous Viroflay—Extra large, with thick, succulent leaves. Pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 20c, lb. 50c.

**Monstrous Viroflay Spinage.**



Warted Hubbard.

New Vegetable Marrow—First of All—A long white running variety, which is the product of a cross between the White Bush and the Long White. It is extremely early, coming in before any other long variety, very prolific, bearing its fruit immediately it begins to run. When in its very young state, before it throws its lateral growths, it is to all intents and purposes a bush variety, fruiting in the small dip or hole in which it is planted. It is most prolific, fruiting at every joint of its lateral runners. Pkt. 10c, $\frac{1}{2}$ doz. 25c, oz. 40c.

TOMATO

For early crops sow the seed in a hot-bed in March. When two inches high transplant into pots or into another bed, and attend them carefully until all danger from frost is past, then plant in hills four feet apart in a sheltered station fully exposed to the sun, support them with brush to keep the fruit off the ground. This is a vegetable worthy of the most extensive cultivation. Two ounces of seed will produce enough plants for an acre.



Bruce's First and Best—The best extra early and most popular all-round tomato. Its value lies not only in the actual time of ripening its first fruit, but that such large quantities can be gathered while all other so-called earlies are ripening only a few. Its appearance is magnificent, round, smooth, and a beautiful scarlet color, with grand foliage. It is a fine canner and

SQUASH—Continued.

Perfect Gem—Excellent both as a summer and winter variety. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.20.

Delicious—Form and color varies; weight from 5 to 10 lbs. each; the flesh is thick, of a deep orange color, and of unequalled quality for the table. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.20.

Hardshell Boston Marrow—A very popular variety, productive and a good keeper. Pkt. 5c, oz. 15c, 2 oz. 20c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Red or Golden Hubbard—While it resembles the old Green Hubbard in shape and size, it is much more attractive in appearance; color a rich orange yellow, turning to a deep salmon red when ripened. Its keeping qualities are fully equal too, while in productiveness it excels the green variety. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.20.

Hubbard—The standard winter Squash, color dark green, shell hard, flesh dry, fine grained and sweet. Excellent keeper. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.20.

Warted Hubbard—A variety of the Hubbard Squash, with warted skin. The vines grow strong and produce a large number of Squashes, which are of good size and keep well. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.20.

Mammoth—Grows to a great size, often weighing 200 lbs; good for stock. Pkt. 10c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

Mammoth Whale—Very prolific, flesh solid, of an orange yellow color, and of excellent quality. Specimens have grown three feet long and weighed 100 lbs. A splendid winter keeper. Pkt. 10c, oz. 25c, 2 oz. 40c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

Tomato, Fr. Liebes Apfel, Gr.

Bruce's First and Best—Continued.

good shipper, very uniform in size, and very solid. It is of splendid quality, and for slicing has no equal. Its attractive appearance has made it the leading variety for market use. Pkt. 5c, $\frac{1}{2}$ oz. 25c, 1 oz. 45c, 2 oz. 85c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

New Tomato, "My Maryland"—See Novelties.

New Red Rock—See Novelties.

June Pink—Is similar in habit and shape to the famous Earliana. It ripens fully as early as that variety, the fruit being of medium size, uniform, smooth, and attractive. In color it is a bright, pleasing pink, a most desirable color in every market. Pkt. 5c, oz. 40c, 2 oz. 80c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Chalk's Early Jewel—Matures about a week later than Earliana, while the fruits are larger and heavier, and produced in greater abundance; color, bright red; a fine canning variety. Pkt. 5c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Success—A main crop variety, smooth and well formed. Is firm without being hard, and a splendid shipper and canner; color bright red. Pkt. 5c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Atlantic Prize—Extra early, color bright red. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 80c, lb. \$3.00.

Ignotum—Very early and prolific; color fine deep red, fruit smooth, heavy and solid, and of delicate flavor; a fine canning variety. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 70c, lb. \$2.50.

Plentiful—Fruit large, solid, smooth, uniform and handsome, heavy yielder, color pink. Pkt. 5c, oz. 45c, 2 oz. 85c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

TOMATOES—Continued



Bruce's Selected Earliana.

Earliana—Bruce's Selected Stock—The earliest large tomato. It is not only remarkable for its earliness, but for its large size, handsome shape, productiveness, and beautiful red color. Its solidity and fine color are unsurpassed by any of the best medium and late sorts. The fruit contains but few seeds, and for this reason the genuine seed can never be sold at a low price. Pkt. 5c, oz. 35c, 2 oz. 65c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Bruce's Re-Selected Dominion Day—An exceptionally profitable early market variety. It combines with its extreme earliness, large size, magnificent color (a bright red), and delicious flavor. It is not liable to crack, is free from core, is almost smooth, and a great yielder. Pkt. 5c, oz. 35c, 2 oz. 65c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Ponderosa—This monster variety is smooth of dark crimson color, all solid meat and fine flavor. Specimens have weighed two pounds each. Pkt. 5c, oz. 40c, 2 oz. 75c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Dwarf Stone—Resembles the Dwarf Champion in its stout, upright and compact growth, with fruit similar to the late Stone in color, shape and size. Pkt. 5c, oz. 35c, 2 oz. 65c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Royal Red—Main crop, very productive, of a rich deep red color, is deservedly popular with canners. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 80c, lb. \$3.00.

Livingston's Globe—Among the very first to ripen, although of large size, very smooth, firm fleshed, ripens evenly; color a beautiful glossy rose, tinged purple; splendid slicing variety. The fruit is borne on short jointed, branching plants, in great abundance. Pkt. 5c, oz. 40c, 2 oz. 75c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Favorite—A good canning variety, a fine red color. Is very prolific, good flavor, solid, and bears shipping long distance. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 70c, lb. \$2.50.

Perfection—Well known early variety, and good canner, blood red color, perfectly smooth, very productive. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 70c, lb. \$2.50.

The Stone—Large, bright scarlet, smooth and solid, ripens to the stem without a crack; an excellent main crop variety. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 70c, lb. \$2.50.

Matchless—Of a rich, cardinal red color, large size, very uniform and smooth, and for quality and solidity it is hard to beat. Pkt. 5c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Dwarf Champion—Quite distinct in foliage and habit of growth, being compact and upright. Crop ripens very early and evenly. Pkt. 5c, oz. 30c, 2 oz. 55c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Imperial—Early, perfectly smooth, solid and of the finest quality, in color a deep rich red, tinted with purple. A handsome table variety. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 70c, lb. \$2.50.

Livingston's Coreless—New—Large sized, globe shaped, bright red, a strong grower and big cropper. Pkt. 5c, oz. 40c, 2 oz. 80c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Beauty—Large dark crimson, tough skin, fine market variety. Pkt. 5c, oz. 20c, 2 oz. 35c, $\frac{1}{4}$ lb. 70c, lb. \$2.50.

Golden Queen—Handsome, round, early, productive. Pkt. 5c, oz. 25c, 2 oz. 45c, $\frac{1}{4}$ lb. 80c, lb. \$3.00.

SMALL FRUITED TOMATOES.

Following varieties are useful for preserves and pickling :

Red and Yellow Pear Shaped—Pkt. 5c, oz. 50c.

Yellow and Red Plum—Pkt. 5c, oz. 50c.

Red and Yellow Cherry—Pkt. 5c, oz. 50c.

Strawberry or Ground Cherry—Fruit enclosed in a husk, excellent for preserves. Pkt. 5c, oz. 50c.

Peach—Resembles a peach in shape, size and color. Pkt. 5c, oz. 50c.

Plants of the leading varieties supplied. \$1.00 per 100 here.

TURNIP

For early crops sow as early in the spring as the ground can be worked, in drills 12 inches apart, and thin to 6 or 8 inches; for general crops sow middle of August. They succeed best in light, rich soil.

Bruce's Early Nimble Dick—The earliest and most delicious table turnip in existence; bulbs medium size, flat; color pure white. Pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Early Flat White Dutch—Size medium, of quick growth, juicy, excellent quality. Pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Purple Top Strap Leaf—Flesh fine grained rich and buttery flavored. Pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Extra Early White Milan—It grows with wonderful rapidity, and is the earliest White Turnip in cultivation. It is most attractive, with clear white skin and flesh fine grained and tender. Pkt. 5c, oz. 15c, 2 oz. 25c, $\frac{1}{4}$ lb. 40c, lb. \$1.50.

Bruce's Golden Ball—Skin bright yellow, flesh firm, sweet and well flavored. Pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Early White Stone—Snowball—A very fine variety. Pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

White Swede—Flesh pure white, of extraordinary solidity, and well flavored. Pkt. 5c, $\frac{1}{4}$ lb. 13c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Navet, Fr. Rube, Gr.



Nimble Dick Turnip.

Laing's Improved Purple Top Swede—An excellent Turnip for rich, free soils, very handsome, with a peculiar leaf and small top. Pkt. 5c, $\frac{1}{4}$ lb. 13c, $\frac{1}{2}$ lb. 20c, lb. 35c.



Sweet Basil. Sage. Sweet Marjoram. Summer Savory. Thyme.

POT, SWEET AND MEDICINAL HERBS

Anise... ..Per oz. 25	Caraway... ..Per oz. 15	Horehound, Per oz. 35	RuePer oz. 35
Balm 35	Catnip... .. . 60	Hyssop. 35	Sage 20
Basil, Sweet... .. 25	Coriander. 15	Lavender... .. 50	Savory, Summer.. .. 20
Basil, Bush... .. 30	Dill... .. . 15	Marjoram, Sweet .. 20	Savory, Winter... .. 50
Borage... .. . 30	Fennel, Sweet .. . 25	Marjoram, Pot... .. 80	Thyme. 50
Belladonna 50	Fenugreek 25	Rosemary. 50	Wormwood 30

IN PACKETS AT FIVE CENTS EACH.

TREE AND HEDGE SEEDS

Sow the seeds moderately thick in the spring just as soon as the ground is in good working condition, in beds 3 feet wide; then draw the soil with the back of the rake from the centre of the beds to a uniform depth of 2 inches. Keep the beds free from weeds, and when the seeds begin to germinate, lightly cover the bed with pine boughs to shade the young plants from the sun. When all are up the boughs should be gradually removed in order to harden off the young plants; during the first winter cover the beds with pine boughs to protect the young plants from the snow and sun. Let the plants remain in the beds from 2 to 3 years, then transplant into rows two and a half feet apart, leaving 6 to 9 inches between each plant. Keep the ground clean and mellow, and when the plants are strong enough, remove them to where they are intended to remain.

Norway Spruceoz. 20c	lb. \$1 75
Catalpa Speciosa	35c " 3 00
Scotch Fir	30c " 2 50
Silver Fir	20c " 1 50
Sugar Maple... .. .	20c " 1 50
European Larch	30c " 2 50
Austrian Fir... .. .	30c " 2 50
Arbor Vitae	25c " 2 00
Hemlock Spruce	50c " 6 00
Mulberry White	30c " 2 50
Black Walnuts... .. .	15c lb. bush. 2 00

Any of the above can be supplied at 10c per pkt.

Norway Spruce—We offer a large stock of transplanted stocky plants of the following sizes: 12 to 15 inches, \$15.00 per 100; 18 to 24 inches, \$20.00 per 100; 24 to 36 inches, \$25.00 per 100; suitable for hedges and windbreaks. Orders are requested to be sent in by the 1st of May.

SEEDS FOR HEDGES

Sow the following in the fall, if convenient. If sown in the spring, soak the seeds in tepid milk or water forty-eight hours before sowing, which will assist the germination of the seeds. Sow in drills two feet apart, and when two years old, transplant into rows two and a half feet apart, and nine to twelve inches between each plant. Hoe frequently and keep free from weeds, and when two feet high, transplant them to where you want them to remain.

Acacia, Three Horned or Honey Locust—(Gleditschia triacanthos) — Very hardy and effectual against man or beast. Admirably adapted for the prairiesoz. 10c	lb. \$0 75
Buckthorn—(Rhamnus Catharticus)—Clean seed	20c " 1 50
Osage Orange—(Maclura Aurantiaca)	15c " 1 25
Berberry—(Berberis Vulgaris)—Very hardy, producing a fine, compact hedge, also valuable for its fruit, which is excellent for preserving	15c " 1 25

FRUIT SEEDS

Cherry Pits, Mahaleb and Mazzard.. ..lb. \$0 50	Apple Seedsoz. 10c, lb. \$0 75
Currant, Red, White and Black... ..pkt. 10	Pear Seeds... .. . 20c " 1 75
Gooseberry, Red, Yellow and Green .. " 25	Quince Seeds 15c " 1 50
Raspberry, Red and White 10	Peach Stones, also Apricot Stones " 25
Strawberry, choice kind... .. . 25	Plum Stones " 35

BIRD SEEDS

Carefully cleaned, fresh and free from impurities. Special prices in quantity.

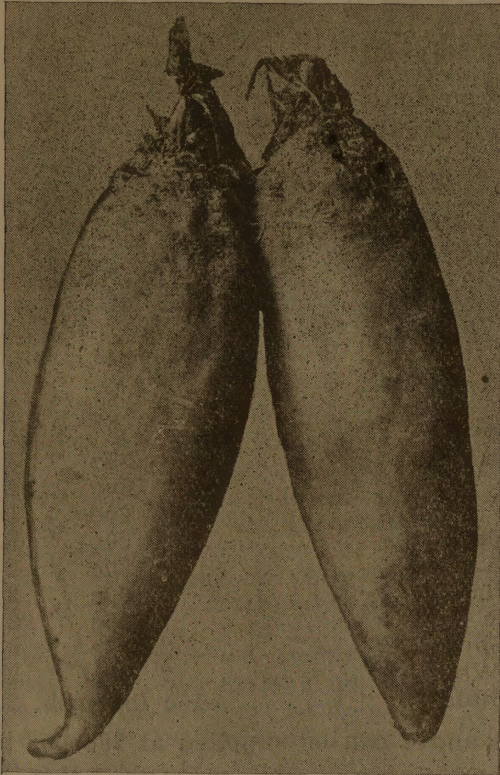
Canary lb. \$0 10	Mixed Parrot Seed... .. .lb. \$0 10
Maw... .. . ¼ lb. 10c	Song Restorer, bottle 25c, postpaid, bottle 40
Rape, German Sweet... .. .	Prepared Mocking Bird Food... ..tin 50
Hemp... .. .	Prepared Fish Food, box 10c, postpaid box 15
Millet... .. .	Lice Killer, box 25c, postpaid... ..box 30
Sunflower	Manna or Bird Bread, cake 5c, postpaid.. 08
Mixed Bird Seed	Cuttle Fish Bone, oz. 5c, lb. 50c, postpaid oz. 7c

Bird Sand, 1/4 lb. packages, 5c; 2 3/4 lb. packages, 10c. Spratt's Parrot Food, 1 3/4 lb pkg. 25c. [lb 65c

Tree, Hedge and Fruit Seeds going by mail require postage to be added at the rate of 5c per lb. to Canadian points, and 16c per lb. to Newfoundland and the United States. Bird Seeds and Supplies require postage to be added at the rate of 16c per lb. to Canada, Newfoundland and United States.

AGRICULTURAL SEEDS

In submitting our list of Farm Seeds, we take pleasure in stating that our extensive stocks have been secured in excellent condition; they have, as usual, had the most careful supervision by our growers from the time of planting until maturity, and may be depended upon to give satisfaction, when due allowance is made for any imperfections of weather, soil or cultivation. The large increase annually in our trade with the farmers in all portions of the Dominion is an evidence of the superiority of our stocks, and of the personal attention we give to the interests of those who have, without intermission, patronized us so liberally. The crop of Beet, Carrot and Mangel which has been short for the past three years has improved this season, and our customers can rely upon getting our own fine stocks, raised by our own growers.



Bruce's Giant Feeding Sugar Beet.

Sugar Beet, Field Carrot, Thousand Headed Kale, Mangel, Rape and Field Turnip, to be forwarded by mail, require postage to be added to Catalogue prices at the rate of 5c per lb. to all points in Canada, and 16c per lb. to Newfoundland and the United States.

SUGAR BEET

The demand for Sugar Beet Seed has more than doubled each year during the past few seasons. Dairy-men find when feeding to their cows a marked increase in the flow of milk and richness in butter which are not so apparent when using other cattle foods. Hogs may also be fed to advantage on Sugar Beets. Sow from middle of April to first of June, in drills two feet apart, then thin to nine inches in the row. Five pounds seed per acre.

BRUCE'S GIANT WHITE FEEDING SUGAR BEET—

This grand feeding beet, introduced by us in 1900, has found great favor with all who have grown it. It combines the rich qualities of the Sugar Beet with the long keeping, large size and heavy cropping qualities of the mangel. The roots are clean and tops small, flesh white, solid, tender and very sweet, and on account of the bigger part of the length growing out of the ground they are easily harvested. This variety is a heavier cropper than our Rose, but not quite so rich in sugar. The roots are the largest, handsomest, most uniform and cleanest of all Sugar Beets, and this, combined with their richness and easy harvesting quality, makes them the "beau ideal" of a root for the farm. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c. The best Feeding Beet or Mangel

on the market. We lead all competitors; refuse all substitutes.

Bruce's Giant Rose Feeding Sugar—Has all the good qualities of above variety, only differing in color, which is rose outside, though the flesh is white, and the roots are barely as large or heavy as the White. It will easily outyield all the other kinds of Sugar Beets, and comes very close to that of the heaviest yielding Mangels of the Intermediate type. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Vilmorin's Improved—Bulbs of small size, but contain a larger percentage of sugar than any other variety on the list. It is chiefly grown in Europe for sugar producing purposes, for which use it must be grown entirely under ground, but need not be so cultivated when grown for stock feeding purposes. $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 25c, lb. 45c.

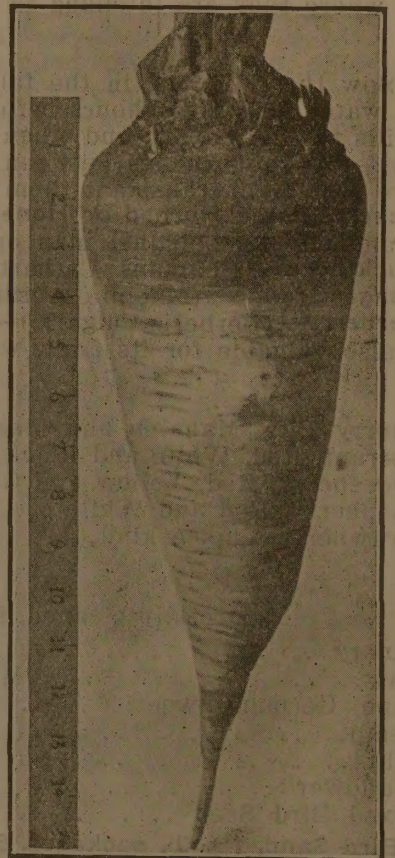
FIELD CARROT

An indispensable root for the farm, and is deserving of more general cultivation. Succeeds best in sandy soils; will also do well on strong clay loams when perfectly pulverized, well drained and free from weeds. Well managed, there is no crop pays better, and most farmers would find an acre or so desirable. Sow from middle of April to 1st of June in drills 18 to 20 in. apart, and when about 3 in. high, thin to 4 in. between each plant. Sow 3 lbs. of seed to acre.

BRUCE'S MAMMOTH INTERMEDIATE SMOOTH WHITE —

This grand half-long Carrot is longer than the White Vosges, and more uniform in shape. Flesh is pure white, solid, of finest quality. Is most productive and easily harvested, a splendid keeper. This carrot is sold under numerous aliases; our name for it is simply descriptive of the appearance of the best of all Field Carrots. We have every confidence in recommending it, and know our strain to be at least the equal of anything offered. The accompanying cut from a photograph shows a specimen of our Intermediate Smooth White Carrot grown by Mr. Hugh Spittall, Glanford, which weighed 8½ lbs. One other we weighed went nearly 10 pounds. He estimated his crop, which was exceptional, at 800 bushels to the acre. $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 70c, lb. \$1.20.

Large White Vosges—The root is large and very thick at the shoulder, much shorter than the White Belgian, and thus more easily harvested, skin and flesh pure white; a wonderful cropper and of excellent feeding quality. $\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 65c, lb. \$1.10.



Bruce's Mammoth Intermediate Carrot.

FIELD CARROT—Continued.

White Belgian (Improved)—Well known variety of fine quality, most profitable for field culture. $\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 60c, lb. \$1.00.

Intermediate Scarlet—Valuable for shallow soils. $\frac{1}{4}$ lb. 60c, $\frac{1}{2}$ lb. \$1.00, lb. \$1.70.

Long Orange Belgian—Superior in quality and a heavy crop-per. $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 70c, lb. \$1.20.

Long Orange—Large, fine quality. $\frac{1}{4}$ lb. 60c, $\frac{1}{2}$ lb. \$1.00, lb. \$1.70.

Altringham—Long, deep red color. $\frac{1}{4}$ lb. 60c, $\frac{1}{2}$ lb. \$1.00, lb. \$1.70.

MANGEL WURZEL—CHOICE SELECTED STOCK

This is one of the most important crops cultivated for consumption on the farm and in the vicinity of large towns is found to be a profitable crop for marketing. It is of easy culture. The weight of roots grown exceeds that of any other crop, and properly supplied to stock is perhaps the most valuable and nutritious. One of its best properties consists in its adaptation for long and safe storage, by which it is improved, as roots securely put into pits or cool cellars in October will come out in the early part of May containing more nutritive qualities than when put in, forming an admirable substitute for grass in a late season.

The heaviest crops of this root are invariably grown upon land which has been thoroughly cultivated and liberally manured.

The seeds should be drilled to secure uniform depth, at the rate of 5 or 6 lbs. to the acre. Sow from middle of April to 1st of June, in drills $2\frac{1}{2}$ to 3 feet apart, and thin to 16 to 20 inches in rows. The intermediate, from its peculiar shape, may be allowed to stand closer than other varieties. For feeding milch cattle it stands unrivalled. An average crop is 30 tons, and on some of the sewage farms in England the enormous yield of 89 to 90 tons has been grown.

MANGEL WURTZEL—LONG VARIETIES.

The following are the best adapted for deep, rich, loamy soil:

Bruce's Gate Post—A select stock of the Mammoth Long Red. Roots remarkably large, smooth, and perfect in shape. The most profitable of the Long Red Varieties. Our stock cannot be excelled. We recommend this splendid variety with the greatest confidence. In the trials at the various Experimental Farms, for many years the Gate Post has frequently headed the list.

$\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Mammoth Long Red—A well known and popular strain.

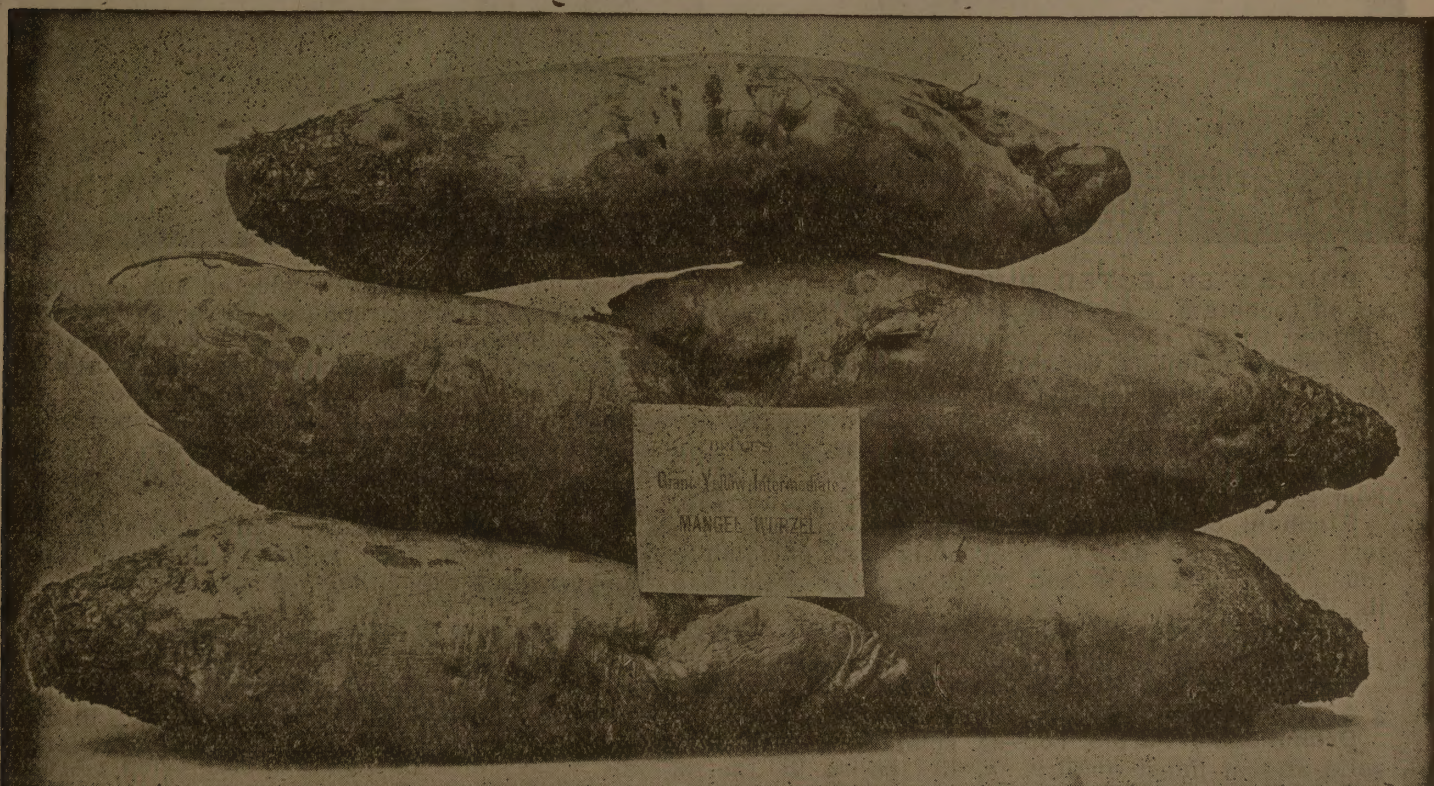
$\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 20c, lb. 30c.

Long Yellow—A good variety, producing large roots. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c.

When Field Root Seeds are required by mail, add postage as follows: 3c for $\frac{1}{4}$ lb; 4c for $\frac{1}{2}$ lb. and 5c per pound to Canadian points.



Bruce's Gate Post Long Red Mangel.



Bruce's Giant Yellow Intermediate Mangel. See page 32.

MANGEL WURTZEL—Continued.**GLOBE AND INTERMEDIATE SHAPED VARIETIES.**

BRUCE'S GIANT YELLOW INTERMEDIATE—This grand Mangel, which we introduced in 1891, is without a doubt the favorite with all cattle men at the present day. The large size of the roots, their uniformity, handsome shape, bright, smooth yellow skin, flesh of the most solid texture, nutritious and splendid keeping qualities, make it one of the most valuable introductions of recent years. While in point of size they will not equal the best of the long varieties, yet in yield per acre they have frequently produced as much, and in richness they far exceed the long varieties, added to which they are much more easily harvested, about half of their length being above the ground. We have kept our stock fully up to the original high standard, and it will pay every grower to procure our grand strain of this unequalled variety. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c.

IMPROVED YELLOW GLOBE—A specially good variety and popular in certain sections, good quality and yields well. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c.

RED GLOBE—Only called for in limited quantities, a good mangel and adds variety for exhibitions. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Bruce's Giant Sugar—See Bruce's Giant Feeding Sugar Beets.

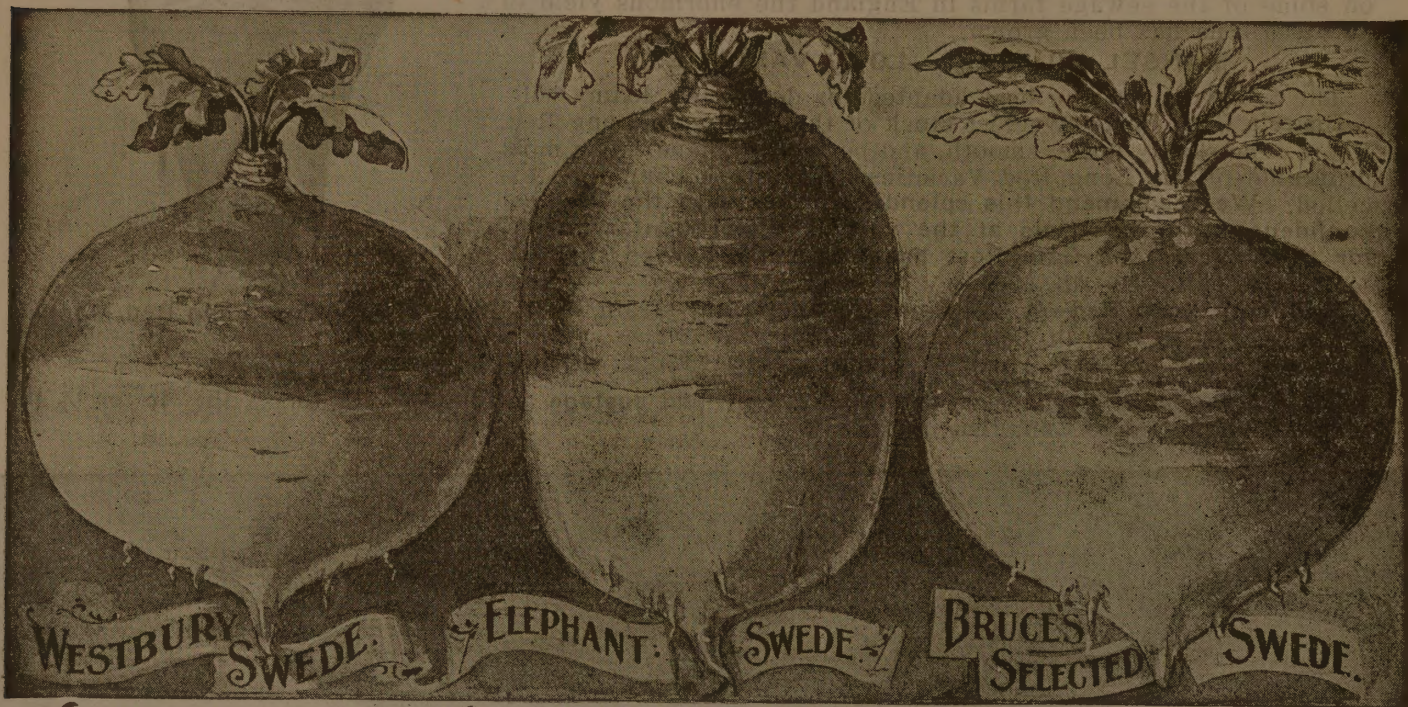
Mammoth Red Intermediate—Yields enormously. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Champion Yellow Intermediate or Leviathan—Similar to Bruce's Giant Yellow Intermediate, and in good demand. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Golden Tankard—Flesh golden yellow. This Mangel contains more saccharine and a higher proportion of flesh forming constituents than any other Mangel excepting Bruce's Giant Yellow Intermediate. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c.

TURNIP SEEDS

The Turnip is now one of the most important crops grown on the farm, and its success, no doubt, depends greatly on the preparation of the soil and the judicious application of manure, but not less so on the quality of the seed and the care exercised in the selection of the bulbs from which the seed is saved. Impressed with this fact, we have for many years paid special attention to the growth of our Turnip Seed, and the increased demand we experience each successive season, as well as the gratifying accounts we receive from all parts of the Dominion as to the excellence of our Turnip Seed, affords us satisfactory evidence as to the superiority of our stocks and the success that has attended our efforts. Sow in June in drills; two pounds to the acre.



BRUCE'S SELECTED PURPLE TOP—This fine variety has been carefully selected and improved so as to obtain a globular shaped root, free from least tendency to coarseness; it is particularly adapted to the richer description of soils, and for long keeping qualities cannot be surpassed. It is a grand shipping variety, and of splendid quality, and a great favorite, and our stock is fully up to the past high standard and cannot fail to give satisfaction. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

Improved Hall's Westbury—A well known standard purple top variety of handsome appearance, fine quality, large and solid, a grand keeper and one of the best shipping turnips known. We are satisfied that no better stock of this grand variety can be obtained anywhere; this is one of our best selling varieties. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

Elephant or Monarch or Jumbo—We offer a grand stock of this handsome tankard-shaped variety. The upper part of the root is dark purplish-crimson, the flesh deep yellow, solid and nutritious. Matures early and produces more weight to the acre than any other variety. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

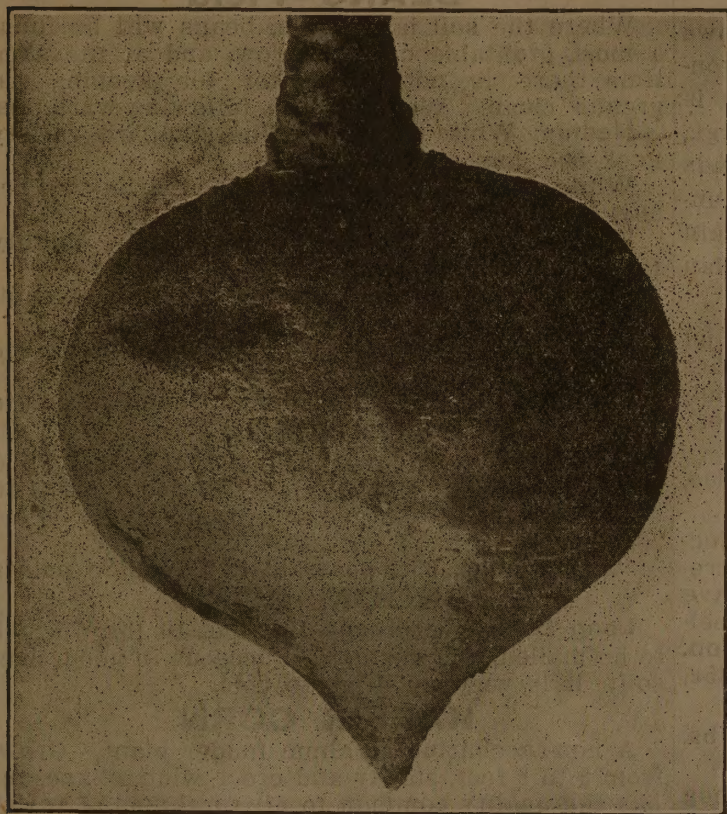
Skirving's Improved Purple Top—This is a strong grower and heavy cropper, but runs to neck on rich ground. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

Magnum Bonum Purple Top—A fine new Swede, of large size, fine color and extra good quality; a heavy cropper. Recommended by the Ontario Agricultural College. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

Drummond's Purple Top—A splendid Scotch variety of great excellence; globular in shape, large, solid and of finest quality. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

Carter's Imperial Purple Top—One of the hardiest and best keepers. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

Sutton's Champion Purple Top—A standard variety. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.



Bruce's New Century P. T. Swede.

The best of all Swede Turnips.

Fettercairn Green Top—Will keep sound longer than any other variety; fine quality. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

Royal Norfolk Purple Top—A heavy cropper and a good keeper, one of the best on our list for strong, heavy land. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

Hartley's Bronze Top—Small neck and single tap roots, very rich in quality and a first rate keeper. A great favorite and demand increasing. Our stock is fine. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

White Swede—Remarkable for its nutritious properties, hardiness and long keeping. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c.

YELLOW FLESHED TURNIPS

May be sown from the first week in July to middle of August, either after it is considered too late for Swedes, or on land of not sufficiently good quality to produce Swedes, or when there is an absence of a supply of manure.

Purple Top Aberdeen—Similar in quality to Green top. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

Green Top Yellow Aberdeen—A hardy and excellent variety. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

WHITE FLESHED TURNIPS

The varieties embraced in this class may be sown still later than the preceding, say from the middle of July to the end of August.

White Globe—Grows very large, is early and of fine quality. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

Red Globe Norfolk—Skin red where exposed to sun, white under ground, flesh white, medium size, should be fed early. $\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 30c, lb. 45c.

Grey Stone—Grows to an immense size, is early, hardy, excellent quality. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

White Stone or Stubble—A well known and excellent variety. $\frac{1}{4}$ lb. 25c, $\frac{1}{2}$ lb. 40c, lb. 70c.

Red Top Strap Leaf—A rapid grower; valuable variety for late sowing. $\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 30c, lb. 45c.

Cow Horn—Roots long, flesh white, fine grained, matures quickly, half its length above ground. $\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 30c, lb. 45c.

SOWING RAPE

Largely grown for soiling purposes; it is also excellent for sheep, and is strongly recommended as a most profitable crop for stock raisers to grow. Sow at the rate of six pounds of seed per acre, and successional sowings, beginning in May, will insure crops from August onward.

Broad Leaved Essex—Lb. 15c, 10 lbs. \$1.10, 25 lbs. \$2.50, 50 lbs. \$4.50, 100 lbs. \$8.00.

THOUSAND HEADED KALE

For the purpose of the sheep farmer there is no forage crop equal to this, both as regards its productive qualities, nutritive value and hardiness, withstanding severe frosts. In Britain it is largely supplanting Sowing Rape, which it largely outyields. Sow early in April up to midsummer, 3 lbs. to the acre broadcast, or 1 lb. to acre in rows 18 inches apart. It grows very rapidly, 3 to 4 feet high, branches out right from the bottom, and is covered with small whorls of leaves, and after being fed it grows with increased rapidity. The roots penetrate to a great depth, so that drought does not affect it. It is greatly relished by hogs, cattle and sheep, and is well worthy of a trial. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 30c.

SWEDE TURNIPS—Continued.

BRUCE'S NEW CENTURY—A purple topped variety, resembling Westbury, of splendid uniform growth, roots clean and of handsome shape. It resists mildew better than any other Swede. It is the best shipping variety. Used for cooking purposes it is unexcelled. In sections where large varieties are grown for the American market the growers will have no other. Our own private stock. Refuse all substitutes. $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Bruce's Giant King Purple Top—This is an improvement on the Elephant, Monarch or Jumbo Swede, is tankard shaped, of fine appearance, and the flesh is solid and nutritious. It is a heavy yielder and good keeper. $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Kangaroo—A very hardy Swede, similar in size and growth to the Elephant; color a bronze green, possessing the heavy cropping features with the grand constitution of the best types of Bronze Green Top Swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed, and is consequently cold and backward. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

Laing's Improved Purple Top—Fine for table use. $\frac{1}{4}$ lb. 12c, $\frac{1}{2}$ lb. 20c, lb. 35c.

Halewood Bronze Top—A favorite Scotch variety, heavy cropper, good keeper, closely resembling Kangaroo. $\frac{1}{4}$ lb. 10c, $\frac{1}{2}$ lb. 15c, lb. 25c.

BARLEY

Read's Triumph—New—It starts quickly, grows rapidly, resists drought, free from smut, is a wonderful stooler, and outyields all other sorts. It is 6-rowed, beards silky and pliable; grains large, plump, and of a bright color; straw stiff, stands erect, and of splendid feeding quality. It is unequalled for malting and to grow in mixed grain crops. Lb. 20c, 5 lbs. for 75c, postpaid to Canadian points. By freight, peck 50c, bushel \$1.50.

Success—A distinct variety, quite beardless and fully a week or ten days earlier than any other barley. Height same as common, but straw better, and stands up on any land; a good yielder; six-rowed. Peck 35c, bushel \$1.25.

Mandscheuri—The standard variety. Peck 30c, bushel \$1.00. Postpaid, 15c lb., 5 lbs. 65c.

Mandscheuri, No. 21—This fine strain, a selection by the Ontario Agricultural College, has created a sensation the past five seasons. We have grown it with excellent results, and offer it feeling confident it will give unequalled satisfaction. Postpaid to Canadian points, 15c lb., 5 lbs. for 65c. By freight, peck, 35c, bushel \$1.10.

White Hulless—Beardless, grows quickly, 60 lbs. to bushel, good yielder. Peck 60c, bushel \$2.00.

Black Hulless—Highly recommended for hog feed, 60 lbs. to bushel. Peck 60c, bushel \$2.00.

20c lb., 5 lbs. 75c, except where specified, postpaid to Canadian points.

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Angel of Midnight Corn.

liable to become sour. The corn we offer has been specially grown for seed, and the germination fully tested.

Leaming Ensilage—A favorite yellow variety, not equal however, to Bruce's Leaming. Per bushel shelled, \$1.25.

All prices on this page subject to market fluctuations. Bags extra.

BEANS—Field

Where the soil is suitable, beans will be found a most profitable crop to grow, and at the same time there is nothing better for keeping the ground clean. We offer the following varieties:

Medium White or Navy—The standard variety. Peck 80c, bushel \$2.75.

White Pea—A splendid cooking variety. Peck 80c, bushel \$2.75.

White Marrowfat—Very large, fine quality. Peck 90c, bushel \$3.00.

Red Kidney—**White Kidney**—Prolific, splendid quality. Each, peck, \$1.00, bushel \$3.75.

Yellow California—Best for cooking. Peck 90c, bushel \$3.00.

20c lb., 5 lbs. 75c. Postpaid to Canadian points.

BUCKWHEAT

Common—Well known. Peck 30c, bushel \$1.00.

Silver Hull—Leading variety. Pk 30c, bush \$1.10.

Japanese—Very large and productive. Peck 35c, bushel \$1.20.

15c lb., 5 lbs. 65c, postpaid to Canadian points.

BROOM CORN

Long Bush Evergreen—Lb. 10c, 10 lbs. 75c. If to be mailed, add postage. Succeeds in good, deep soil; it is very sensitive to cold.

KAFFIR CORN

A non-saccharine sorghum fodder plant. Grows from 5 to 6 feet, stocky and erect, wide foliage, and has the quality common to all sorghums of resisting drought. Sow in drills 5 lbs. to acre and cultivate same as common corn, or broadcast ½ bush. to acre. Lb. 10c, 10 lbs 50c, 100 lbs. \$4.00.

CORN—FIELD VARIETIES

Australian—**Extra Early Eight-Rowed White Flint**—Remarkably early, ripening fully two weeks ahead of Compton's. It is unusually productive, the ears being very long, the grain large, and the cob small. Hardest known variety; will thrive at an altitude of 6,000 feet, where the climate is always too cold for ordinary corn; a great drought resister; will produce crops when other sorts fail. Shelled, peck 60c, bushel \$2.00.

Compton's Early Twelve-Rowed Yellow—Owing to its earliness and productiveness this variety has given great satisfaction; it is also highly recommended as a fodder corn. Shelled, peck 55c, bushel \$1.75.

Angel of Midnight—This is an extra early, eight-rowed Yellow Flint variety, the grains very large and compactly set on a very small cob. Shelled, pk. 50c, bush. \$1.65.

North Dakota Early White Flint—A very profitable eight-rowed variety. Shelled, peck 50c, bushel \$1.65.

Longfellow—A most desirable eight-rowed Yellow Flint variety. Shelled, peck 50c, bushel \$1.65.

King Philip—A favorite in some localities; color red, eight-rowed. Shelled, peck 50c, bushel \$1.65.

Golden Nugget—Eight-rowed Yellow—A favorite variety in some localities. Shelled, pk. 50c, bush. \$1.65.

Above varieties 15c lb., 5 lbs. 65c. Postpaid to Canadian points.

CORN—FOR FODDER AND ENSILAGE PURPOSES

Our list of Corn embraces all the varieties that careful experiments have demonstrated to be the most valuable for cutting for green fodder and for use in the silo for winter feeding. For cutting green we believe the Evergreen Sweet Corn will be found the most valuable on account of its richness, though the Mammoth White and Red Cob are most in use, while the Dent varieties are better adapted for the silo, as they are less

CORN—For Fodder and Ensilage Purposes—Continued.

- Mammoth White Cob Ensilage**—Similar to Red Cob in most respects. Per bushel, shelled, \$1.25.
- Mammoth Red Cob Ensilage**—A well known white variety of great productiveness and most nutritious quality, but not as early as the following varieties. Per bushel, shelled, \$1.25.
- Mortgage Lifter—Yellow**—A very strong growing Dent variety, producing a great quantity of fodder; grains long, cobs small, ears fine shape and large, with from 10 to 18 rows on each. Bush. \$1.50.
- White Cap Yellow Dent**—Expert Corn growers pronounce it a perfect field corn as to yield, size of ear, color, size of cob, and growth of fodder. It matures in 90 to 95 days. No corn yields as well on poor, thin land, nor stands drought as well. Per bushel, shelled, \$1.50.
- King of the Earlies—Yellow**. The stalks grow from 6 to 8 feet in height and are thickly furnished with foliage close to the ground. Ears medium in length. Cob small, closely set with long, deep kernels. Extra early. Per bushel, shelled, \$1.50.
- Extra Early Huron—Yellow**. A handsome strong growing, productive early variety; highly recommended. Per bushel, shelled, \$1.50.
- Early Bailey**—An early productive yellow variety, and a great favorite in Western Ontario. Per bushel, shelled, \$1.50.
- Bruce's Improved Leaming—Yellow**—A splendid variety for withstanding drought by reason of its earliness in maturing, strong and vigorous growth, and its stocky, leafy nature, which enables it to stand until ripe. Per bushel, shelled, \$1.50.
- Reid's Yellow Dent**—A well-known variety, largely grown for exhibiting at fairs, and is used as a standard for judging at corn schools. Of handsome shape and color. Per bushel, shelled, \$1.50.
- Evergreen Sweet Fodder**—This is the sweetest and most nutritious of all the fodder varieties, and will be found valuable for cutting and using as green fodder. Bushel of 40 lbs, shelled, \$2.40.
- Cloud's Early Yellow Dent**—Early, very prolific, strong and vigorous, growing from 8 to 10 feet high, producing large, handsome ears, with unusually deep grains. Per bushel, shelled, \$1.50.
- Early Mastodon—Yellow**—This early Dent variety has the greatest number of rows on cobs and the longest grains of any corn so far originated. A strong and vigorous grower; very productive. Per bushel, shelled, \$1.50.
- Cuban Giant—Yellow**—It outyields the Red Cob and is ten days earlier; the fodder grows on the stalks in great quantities and is of the finest flavor, almost as sweet as sugar corn. The grains are yellow, large, broad, long, and of great vitality. Per bushel, shelled, \$1.50.
- Early Butler Dent—Yellow**—The fodder of this new sort grows up strong and rank. It roots deeply and withstands drought. Ears of good size. Matures in 90 to 100 days. Per bush., shelled, \$1.50.
- Wisconsin White Dent**—A popular variety in some districts. Per bushel, shelled, \$1.50.
- Above varieties, 15c lb., 5 lbs. 65c. Postpaid to Canadian points. Prices subject to market fluctuations.

CLOVER AND GRASS SEEDS

The large increase in our home and foreign trade made it imperative for us to introduce in our premises the most modern machinery, which is run by electric power, and we have now the perfection of appliances for turning out superior samples of Seed Grain, Clover and Grass Seeds. Increased sales, and the complimentary references to the quality of our shipments has been ample compensation for our expenditure in this department; and our long connection with the best growers in the seed producing districts gives us exceptional advantages in securing the best samples offered.

GOVERNMENT STANDARD GRADES.

By provisions of the Seed Control Act, which came into effect on the 1st September, 1905, and amended in 1911, the following standards are set for those selling seeds: Red, Alsike and Lucerne Clover and Timothy. Extra No. 1 not to exceed 30 of all weeds seeds in 1 oz. No. 1, Red, Lucerne, Timothy, 5 noxious weeds; Alsike, 10 noxious weeds, with a limit of 100 weeds seeds per oz. No. 2, Red, Lucerne, Timothy, 20 noxious weeds; Alsike, 40 noxious weeds, with a limit of 200 weed seeds per oz. No. 3, Red, Lucerne, Timothy, 80 noxious weeds; Alsike, 160 noxious weeds, with a limit of 400 weed seeds per oz. Seed having more than 400 weed seeds in an ounce cannot be sold in Canada without becoming liable to fine or imprisonment.

As usual we have exercised the greatest care to secure the finest quality of seed obtainable, and with the most modern cleaning machinery we are enabled to offer samples which we feel assured will satisfy the most critical buyer. The conditions imposed by the Act have placed a premium on the best grade of seed, but in our transactions extending over 60 years with the agricultural community, the question of quality with the great majority is a more important consideration than price, and it is the trade of the majority we cater for.

Clover seed being subject to constant variations, prices will be ruled by market. Write for special prices by peck or bushel.

Common Red—A well known variety. Lb. 25c, 20 lbs. \$4.50.

Mammoth Red or Pea Vine—Valuable for plowing under for manure. Lb. 25c, 20 lbs. \$4.50.

Yellow or Trefoil—Valuable for pasture. Lb 30c, 20 lbs. \$5.50.

White Dutch—Esteemed for permanent purposes. Lb. 50c.

Lucerne, French, Alfalfa or Chilian—An invaluable and certain crop as green food for horses and cattle, and one of the best forage plants for withstanding drought. Should be sown from middle of April to end of May, and may be cut 3 or 4 times a year. It thrives upon any soil where drainage is good, as the roots penetrate the soil to a great depth, reaching the moisture, it continues green in the driest weather. Sow 15 to 20 lbs. to acre. We offer Canadian seed, which is hardiest, and does best in Canada, lb. 30c, 20 lbs. \$5.50.

U. S. Non-Irrigated Seed, lb. 25c, 20 lbs. \$4.50. European Seed, lb. 25c, 20 lbs. \$4.50.



Lucerne Clover.

Lucerne (Alfalfa), Turkestan—Hardy, and withstands drought better than the ordinary. Lb. 25c, 20 lbs. \$4.50.

Bokhara (*Melilotus Alba*)—A very vigorous growing variety, blooms early in August; about two feet high. Sow in spring. The flowers are white and very sweet scented, very valuable for bees. Lb. 35c.

Alsike (*Trifolium Hybridum*)—Excellent for low lands. Lb. 25c, 20 lbs. \$4.50.

Crimson or Scarlet Clover (*Trifolium Incarnatum*)—Is an annual. Improves poor land and restores to fertility those that are worn down by excessive cropping. Grows at all times except when the ground is frozen. May be sown in spring, summer or fall. Splendid for reseeded Red Clover that has been winter killed. This clover is extensively grown in the United States, and we give the latest methods adopted there for its cultivation, etc. Sow 12 to 15 lbs. broadcast per acre, cover light. All soils and situations seem to suit it. Try it on your poorest. If sown early, it makes superior fall and spring grazing, and afterwards a good crop to mow. It is about 15 days earlier than Red Clover, and as a fertilizer one acre represents as much value as twenty tons of stable manure. Lb. 25c, 20 lbs. \$4.00. If going by mail add postage to above prices of Clover.

Above prices are for No. 1 Grade. Prices subject to market fluctuation.

GRASS SEEDS

Greater attention is being given yearly to the improvement of pastures, and it has been found that where a mixture of permanent grasses has been added to Clover and Timothy, which have heretofore been almost the only seeds used, a better heat resisting sod and a richer and more lasting pasturage has been secured, and the result is of the utmost importance in our dry, hot, climate. Many of the grasses contained in our list will be found invaluable for this purpose.

PRICES SUBJECT TO MARKET FLUCTUATIONS. SPECIAL PRICES BY THE BUSHEL.

Red Top Grass (*Agrostis Vulgaris*)—A valuable native permanent grass, growing in almost any soil, moist or dry, and standing well our hot climate. Best for low ground. Sow two bushels to the acre. Weight per bushel, 14 lbs. Lb. 25c, 10 lbs. \$2.00. Fancy, for lawns, 35c lb., 10 lbs. \$3.25.

Foxtail Meadow (*Alopecurus Pratensis*)—One of the best grasses for permanent pastures, possessing the three great requisites of quantity, quality and earliness, it is particularly adapted for moderately stiff clay and heavy soils; 30 lbs. to acre. Lb. 65c, 10 lbs. \$6.00.

Sweet Vernal Grass (*Anthoxanthum Odoratum*, perennial)—For a pasture mixture it is valuable on account of the fragrant odor it imparts to the hay. Sow 35 lbs. to the acre. Lb. 80c, 10 lbs. \$7.50.

Oat Grass (*Avena Elatior*)—Is most valuable for pasture on account of its early and luxuriant growth. It produces an abundant supply of foliage, which is relished by cattle early and late in the season. Lb. 40c, 10 lbs. \$3.50.

Bromus Inermis (Hungarian Forage Grass)—A hardy, deep rooted species, which has proved highly suitable for Manitoba and the Northwest. Sow 20 to 25 lbs. to acre. Lb. 25c, 10 lbs. \$2.00.

Crested Dogtail (*Cynosurus Cristatus*)—May be advantageously sown on lawns kept under scythe, forms a close turf, remaining green for a long time; valuable for sheep pastures; succeeds on dry, hard and gravelly soil. Height 1 to 1½ feet. Sow 25 lbs. per acre. Per lb. 45c, 10 lbs. \$4.00.

Orchard Grass (*Dactylis Glomerata*)—A valuable grass on account of the quantity of nutritious feed which it yields, and the rapidity with which it grows after being cut or grazed; well adapted for growing in orchards. If allowed to stand for hay it has rather a coarse appearance, but if grazed it has always a fresh green hue. Sow two bushels to acre; weight per bushel 14 lbs. Lb. 25c, 10 lbs. \$2.25.

Meadow Fescue (*Festuca Pratensis*)—Valuable for permanent grass lands. It does not, however, attain its full productive power till the second or third year, when it exceeds most other sorts in productiveness and nutritive matter; relished by stock both in hay and pasture. Sow 40 lbs. to the acre. Lb. 40c, 10 lbs. \$3.50.

Creeping Bent Grass (*Agrostis Stolonifera*)—Excellent for pastures mixed with other grasses, also for tennis and golf mixtures. Moist situations agree well with it. Lb. 45c, 10 lbs. \$4.00.

Italian Rye Grass (*Lolium Italicum*)—One of the most valuable grasses in Europe, considered the best grass to cut green for soiling, affording repeated large and nutritive crops. Sow 3 bushels to the acre; weight per bushel 18 lbs. Lb. 20c, 10 lbs. \$1.75.

English Rye Grass (*Lolium Perenne*)—One of the staple grasses of Great Britain, entering largely into the composition of most of the richest meadows and pastures. Sow 3 bushels to acre; weight per bushel 22 lbs. Lb. 20c, 10 lbs. \$1.75.

Canadian Blue Grass (*Poa Compressa*)—A native grass, which should be in every pasture mixture; will do well on dry soils, or even on clay, hard trodden or poor soils. On account of creeping root stalk it forms a splendid turf. Lb. 20c, 10 lbs. \$1.75.

Kentucky Blue Grass (*Poa Pratensis*)—Thrives on a variety of soils, but does best in dry and somewhat shady situations. It will stand the hottest summers. Sow three bushels to the acre; 14 lbs. per bushel. Lb. 25c, 10 lbs. \$2.25.

Wood Meadow Grass (*Poa Nemoralis*)—There is no grass better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but succeeds where few other grasses can exist. Very early, of bright, rich green. Sow 25 lbs. to acre. Lb. 60c, 10 lbs. \$5.50.

Hard Fescue (*Festuca Duriuscula*)—Thrives in a great variety of soils. One of the best grasses for general purposes, and resists the effect of drought well. It grows easily; the foliage is fine and nutritive. Height, 1½ feet. Sow 30 lbs. per acre. Per lb. 40c, 10 lbs. \$3.75.

Red or Creeping Fescue (*Festuca Rubra*)—Forms a close, rich sod and is valuable in lawns. Per lb. 45c, 10 lbs. \$4.00.

Tall Meadow Fescue (*Festuca Elatior*)—Very early, nutritive and productive. Should form a portion of all pastures on wet or clay soils. Per lb. 40c, 10 lbs. \$3.75.

Sheep Fescue (*Festuca Ovina*)—Grows naturally on light, dry, sandy soils; smaller than the other Fescues, but on account of being very nutritious, it should always enter into the composition of sheep pastures, as sheep are very fond of it. Sow 30 lbs. per acre. Lb. 40c, 10 lbs. \$3.50.

Sainfoin (*Hedysarum Onobrychis*)—Recommended by Experimental Farm, Ottawa. Useful fodder plant. Lb. 25c, 10 lbs. \$2.00.

Timothy (*Phleum Pratensis*)—So well known needs no description. Sow 12 lbs. per acre. Lb. 20c, 10 lbs. \$1.75, 100 lbs. \$15.00.

Various Leaved Fescue (*Festuca Heterophylla*). Valuable for permanent pasture, and is also desirable in lawn mixtures. Per lb. 60c, 10 lbs. \$5.50.

Prices subject to market fluctuations. If going by mail add postage to above prices.

Bruce's Mixture of Permanent Grasses and Clover Seeds for Laying Down Land to Pasture

When ordering permanent Grass Seeds it is necessary that our customers should describe the nature and situation of the soil, subsoil, etc., and state whether they are to be sown with or without crop. Our mixtures are composed of the best Clovers and Grasses, and are arranged in proper proportions to suit the various soils for which they are intended, our aim having always been to produce a rich and nutritious herbage in the shortest possible time. 24 lbs. per acre. Price \$5.50 to \$7.50 per acre, according to quality.

Below we give the Ontario School of Agriculture, Guelph, formula of Grasses and Clovers for permanent pastures:

Four lbs. Meadow Fescue or Blue Grass, 2 lbs. Timothy, 4 lbs. Orchard Grass, 3 lbs. Tall Oat Grass, 2 lbs. Meadow Foxtail, 5 lbs. Lucerne Clover, 2 lbs. White Dutch Clover, 2 lbs. Alsike Clover, total 15 lbs. Grasses and 9 lbs. Clovers, being the quantities required for an acre. 24 lbs. \$6.50.

When ordering Grains, Clovers and Grass Seeds by the bushel, remit 30c each for 2 bushel cotton seamless bags.

Use the Little Giant Seeder for sowing Clover and Grass Seeds. See page 108. Price \$1.50 here.

BRUCE'S LAWN GRASS SEEDS

There is now offering here English Lawn Grass Seed, which is sold somewhat less than ours, but it contains Rye Grass and other grasses cheaper than what we use, but which are not suitable to our climate. Also mixtures from the United States, in which is used a great deal of unhulled Red Top, which makes a large bulk; we use a small percentage of the hulled Red Top, which is considerably dearer in our mixtures. We use in our Lawn Mixture also what is not in most others, some Pure White Dutch Clover. This is expensive, but adds greatly to the appearance of the Lawn.

The annual increase in our sales of Lawn Grass Seed is the best assurance of its superiority; and the testimony of those who have used it justifies our claim that it is the most perfect mixture in use for Lawns, Croquet, Golf, Cricket and Lawn Tennis Grounds.

Bruce's Famous Hamilton Lawn Grass—Our mixture is composed of grasses especially selected to produce a close ever-green sod, calculated to withstand to the best advantage the summer heat, and sufficiently hardy to live through the extreme frosts of our northern winters. The greatest care is exercised in the selection of our grass seeds to use only such samples as are absolutely free from weeds, as it is generally found in the preparation of a new lawn that weeds indigenous to the soil are too plentiful without sowing them in a lawn mixture. A top dressing of thoroughly rotted manure in the fall and a good sprinkling of Bone Dust or Sheep Manure in the early spring, with the addition of a light seeding, are great aids in the preservation of the sod. Sixty pounds of seed is sufficient for an acre, and one pound will sow a plot 15 x 20 feet, or 300 square feet. 35c per lb., \$3.00 for 10 lbs. Postpaid to Canadian points, 40c per lb.

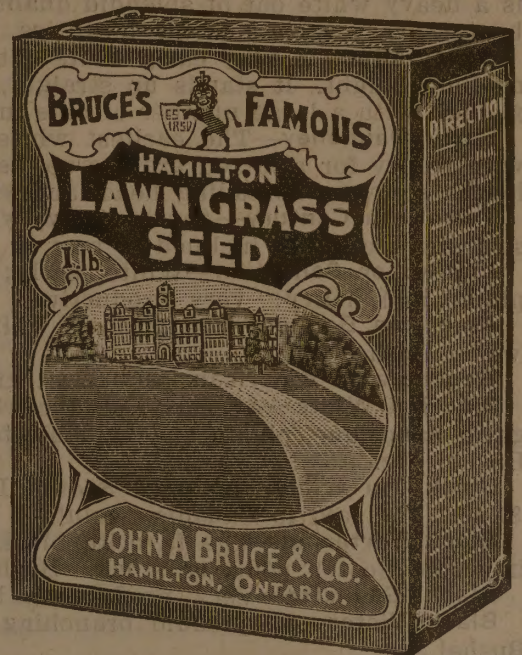
Bruce's Special Mixture for Shady Places—45c lb., \$4.00 for 10 lbs. Postpaid to Canadian points, 50c lb.

Lawn Tennis and Bowling Green Mixture of Grasses—(Contains no Clover)—35c lb., \$3.00 per 10 lbs. Postpaid to Canadian points, 40c lb.

Pure White Dutch Clover for Lawns— $\frac{1}{4}$ lb. 20c, lb. 60c. Postpaid to Canadian points, 65c lb.

Bruce's Putting Green Seed—A grand mixture. Sow thickly. 40c lb., 100 lbs. \$35.00.

Bruce's Golf Link Seed—Cannot be excelled. Sow thickly. 30c lb., 100 lbs. \$25.00.



MILLETS

Annual forage plants, valuable for furnishing green fodder and hay in from 60 to 90 days from sowing, producing on good soils extraordinary yields of excellent forage, highly relished by stock. All varieties should be cut in the blossom. Sow from $\frac{1}{2}$ to $\frac{3}{4}$ bushels per acre.

Common Millet (Panicum Miliaceum)—Very early; height 2 to 3 feet; foliage very broad and very abundant; heads very open, with branching panicles. Peck 45c, bushel \$1.45.

Siberian Millet—Grows larger and ranker than the Common, with more leaves; matures early and resists drought. Peck 50c, bushel \$1.70.

German or Golden Millet (true)—Medium early; height two to 3 feet; foliage closely condensed; spikes very numerous; seeds round in rough, bristly sheaths. Peck 55c, bushel \$1.95.

Hungarian (Grass) Millet (Panicum Germanicum)—Early; height 2 to 3 feet; abundant foliage and slender heads; withstands drought and yields well on light soils. Peck 45c, bushel \$1.45.

Above varieties 12c per lb., postpaid to Canadian points. Prices subject to market fluctuations.

New Japanese—Very heavy yielder. Grows about 6 feet high; covered with leaves, very juicy; an excellent green fodder and valuable when cured for silo. Sow 15 lbs. to the acre, broadcast, or 10 lbs. in drills. Also called "Billion Dollar Grass." 1 lb. 10c, 10 lbs. 75c, 25 lbs. \$1.75, 100 lbs. \$6.00. If by mail, add postage 5c per lb. to Canadian points.

Pearl Millet or Pencilaria—Amongst the known forage plants there is nothing found superior to Pearl Millet, either in enormous growth or quality. Produces abundantly, and can be cut several times during the season. If you grow green forage try Pearl Millet. Drill in 2 feet rows, 10 lbs. to the acre. Lb. 10c, 10 lbs. 90c, 25 lbs. \$2.00. If by mail add postage 5c per lb. to Canadian points.

PRICES ON THIS PAGE SUBJECT TO MARKET FLUCTUATIONS.

SEED OATS—A CHANGE OF SEED ALWAYS PAYS

Bruce's Conqueror—A new variety from northern Europe, which has the record for yield among white sorts on good oat land. The panicle is short and small, with stiff branches, the spikelets tend to be three flowered, and grains are firmly set and do not fall off. The straw is of middle height and very strong, grain short, plump, thin skinned and pearly white; it is hardy, ripens medium early and makes splendid oatmeal. This sort is not at all fastidious with regard to soil, and will do well on light or sandy soils or vegetable moulds, provided in good condition. Highly recommended. This oat did splendidly with us this season. Postpaid to Canadian points, 20c lb., 5 lbs. for 75c. By freight, peck 40c, bushel \$1.25.

New Green Mountain—The straw is absolutely rust-proof and of the best quality; it resists drought best, is a strong and vigorous grower, tilling abundantly, and heads are exceedingly large and heavy, with drooping habit when ripe. It yields with great certainty, almost double the ordinary sorts, stands up well, is a grand stooler and of rugged hardness, grain is large, pure white; makes grand oatmeal. It does not deteriorate like most sorts, but gains vigor each year as it becomes acclimatized. Bushel 80c.

Bruce's Scottish Chief—A variety from Scotland, which has met with unqualified praise from all who have seen it. After being well tested here for several years we recommend it with confidence. It is an early variety, and produces an excellent straw, which stands up splendidly. It is a heavy white oat of splendid quality, and yields most abundantly, having beaten every variety in the localities where it has been grown. 75c bushel.

Silver Mine—A very early white oat, ripening with barley, with strong, stiff straw of medium height. It stands up straight, even in windy and wet weather. A very heavy yielder, with a large number of oats in each head. Bushel 75c.

Early Daubeney—The earliest white oat grown, and the best variety to sow along with barley for a mixed grain crop, as they ripen at the same time. It has medium length straw, a spreading head, and yields fairly well. Bushel 75c.

Twentieth Century—A new, heavy yielding variety, thin in hull and a heavy grain, stiff straw and not inclined to rust or smut. Bushel 70c.

Ligowo or Sensation—White, early; straw stiff and bright; head long, open and pyramidal; grain plump and heavy; very productive. Bushel 70c.

American Banner—The grain is white, of medium size, plump and even, and the straw stands up well. Bushel 70c.

Regenerated American Banner (Registered)—A fine stock of this well known variety. Bush \$1.25.

Siberian White—An early, productive variety, claimed to be rust proof, straw is stiff and strong, grain handsome, plump and valuable for feeding on account of its thin hull. Highly recommended. Bushel 70c.

Black Tartarian—Imported Scotch Pedigree stock. A grand oat and a splendid yielder. Bushel \$1.40. Postpaid to Canadian points, 5 lbs. 75c.

Black Tartarian—The favorite black oat, early and a good yielder. Canadian grown from the imported Scotch pedigree stock. Bushel 80c.

Black Goanette—Very productive, best suited for heavy lands. Bushel 80c.

Black Victor—A splendid branching variety, heavy, big yielder, good straw which stands up well. Bushel 80c.

Any of the above varieties, except where noted, postpaid to Canadian points, 5 lbs. for 60c.



New Scottish
Chief Oats.

COW PEAS

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is superior, especially for medium or light soil. They should be sown towards the end of May or June, at the rate of 1½ bushels to the acre, and plowed under as soon as they have attained their full growth. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. The stalk and leaves fed green make excellent fodder. They have been grown with marked success by many of the leading fruit growers in this district during the past few seasons.

Whippoorwill—The favorite variety. Lb. 10c, 5 lbs. 40c, peck \$1.00, bushel \$3.60.

New Era—A little earlier and grows a heavier plant. Lb. 10c, 5 lbs. 40c, peck \$1.00, bush. \$3.60.

Postpaid to Canadian points, 20c per lb., 5 lbs. 75c. Prices subject to market fluctuations.

FIELD PEAS

Golden Vine—The favorite variety, early, good straw and a splendid yielder. Pk. 50c, bushel \$1.75.

Canadian Beauty—Seed large and white, straw strong and of good quality, heavy yielder. Peck 60c, bushel \$2.00.

Blue Prussian—Very prolific and excellent for boiling; extra fine. Peck 80c, bushel \$3.00. Good, peck 70c, bushel \$2.40.

Postpaid to Canadian points, 20c per lb., 5 lbs. for 75c. Prices subject to market fluctuations.

Brittany—An excellent early large brown pea, heavy yielder. Peck 75c, bushel \$2.50.

White Marrowfat—Prolific, with large pods filled with large peas. Peck 65c, bushel \$2.25.

Black Eyed Marrowfat—Equal to the white variety. Peck 75c, bushel \$2.50.

Grass—Flinty, but bug-proof. Pk. 65c, bush. \$2.25.

EMMER (also called Speltz)

It is claimed that this new grain is superior to all other grain for fattening sheep, poultry, cattle, horses, pigs, etc. It is excellent for pasture, and can be fed in a green state also; grows well and produces large crops on poor soil, while dry weather appears to have no effect on it. It is a wonderful stooler. Prepare land as for other grain, and sow about 60 lbs. to acre; cut when the grain is past middle stage of milk, thresh like wheat, only not so closely. Peck 40c, bushel of 40 lbs. \$1.20. Postpaid to Canadian points, 1 lb. 15c, 5 lbs. 60c.

RYE

Spring—An excellent catch crop for fodder or grain. 50c peck, \$1.50 bushel.
Fall—The variety commonly cultivated for grain, straw, green fodder, etc., 35c peck, \$1.10 bushel.
 Above varieties postpaid to Canadian points, 1 lb. 15c, 5 lbs. 60c.

EARLY SOY OR SOJA BEANS

They ripen in Canada, grow nearly 4 feet high, heavily podded, and have yielded over 10 tons per acre. It is said to be a very valuable fodder variety, either for curing, feeding green, or for the silo for mixture with corn. A rich nitrogenous food, unsurpassed as a flesh former, and like the Clovers, a soil improver. Sow in June broadcast 30 lbs. per acre, or plant in drills 3 ft. apart, 1 ft. between the plants. Lb. 15c, peck \$1.00, bushel \$3.75. Postpaid to Canadian points 20c lb., 5 lbs for 75c.

TARES OR VETCHES

Black Spring—Species of Pea, grown for soiling or sown with oats for feeding green. 1 lb .15c, 5 lbs. 70c, postpaid to Canadian points. By freight, peck 70c, bushel \$2.50.
Sand or Hairy—It succeeds and produces good crops on poor sandy soils as well as on good land; grows to a height of four or five feet. It is perfectly hardy, remaining green all winter, and should be sown in the spring, mixed with oats, spring rye or barley; or during August and September, with winter rye, which serves as a support for the plants. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow 50 to 60 lbs. per acre with one-half bushel of rye, oats or barley. Lb. 20c, peck \$1.75, bushel of 60 lbs. \$6.00. Postpaid to Canadian points 25c lb., 5 lbs. for \$1.00.

SPRING WHEAT

Read's Reliable—It is a vigorous grower, stooling heavily, ripens early and uniformly, showing no tendency to rust or smut, and invariably outyielding all other sorts. The straw is of good height, stiff, bright golden color; heads long, semi-bearded, with smooth chaff, grain large, flinty, rich in gluten, of a dark amber color, and makes splendid flour. 1 lb. 30c, 4 lbs. for \$1.00, postpaid to Canadian points. By freight, peck \$1.00, bushel \$3.10, 5 bushels for \$15.00.
 Postpaid to Canadian points 15c lb, 5 lbs. 65c, except Read's and Marquis.
Marquis—New—Unequalled for quality, yield, and earliness. Postpaid 20c lb., 5 lbs. 85c. Peck 60c, bushel \$2.00.
Manitoba White Fife } —very productive, splen-
Manitoba Red Fife } did milling varieties. Pk
 50c, bushel \$1.50.
White Russian—An excellent all-round variety. Peck 50c, bushel \$1.50.
Wild Goose—Very productive, bearded head with white chaff, straw stiff, grain hard and flinty, midge proof. Peck 40c, bushel \$1.35.

FALL WHEAT

Grand Prize—Bald, splendid red wheat. Peck 60c, bushel \$1.75.
Red Wave—Bald, fine variety. Peck 50c, bushel \$1.35.
Red Clawson—Bald, well known. Peck 50c, bushel \$1.35.
Abundance—Bald, the best white wheat, splendid quality, heavy yielder. Peck 50c, bushel \$1.35.
Dawson's Golden Chaff—Bald, white, well-known. Peck 50c, bushel \$1.35.
 Postpaid to Canadian points, 1 lb. 15c, 5 lbs. 60c.

NEW COTTON BAGS

	Each	Dozen	100		Each	Dozen	100
Smith Mills W	27c	\$3 15	\$25 00	Eagle B.	33c	\$3 90	\$31 00
X	30c	3 50	28 00	Stark Mills	33c	3 90	31 00
Spring Grove, B.	31c	3 60	29 00	Blue Grass Sacks, Jute	20c	2 25	17 50
Amoskeag A	31c	3 60	29 00	Potato Bags, Jute	13c	1 50	11 50

Three supplied at dozen rate; 25 at hundred rate.

BLATCHFORD'S CALF MEAL

The perfect milk substitute, for calves, pigs, colts and lambs. One pound mixed with seven pints of boiling hot water or four tablespoonfuls added to eight pints of sweet skim milk rakes a gallon of gruel equal to 1 gallon fresh whole milk. 25 lb. bag, \$1.00, 50 lb. bag \$1.90, 100 lb. bag, \$3.75, 500 lbs. \$17.50.

BLATCHFORD'S SUGAR AND FLAX SEED

The ideal food to add to regular feed for horses, cattle, sheep and hogs. 20 lb. bag \$1, 100 lbs. \$4.75.

MISCELLANEOUS

Beans—Lima, cooking, lb. 10c, 3 lbs. 25c.
Beans—Red Kidney, cooking, 1 lb. 10c, 3 lbs. 25c.
Bibby's Cream Equivalent—For calves and young pigs. 50 lb. bag \$2.10, 100 lb. bag \$4.00.
Flax Seed—Choice screened, lb. 5c, 100 lbs. \$3.75.
Flax Seed Meal—Pure, lb. 5c, 100 lbs. \$4.00.
Lentils—For soup, lb. 15c, 2 lbs. 25c.
Oil Cake—Fine ground, 10 lbs. 25c, 100 lbs. \$1.80.
Sugar Cane—Early Amber, lb. 10c, 100 lbs. \$6.00.
Sunflower—Giant Russian— $\frac{1}{4}$ lb. 10c, lb. 20c.
Tobacco—Conn. Seed Leaf, pkt. 5c, oz. 30c, lb. \$3.
Tobacco—White Burley, pkt. 5c, oz. 50c, lb. \$5.00.
Tobacco—Havana, pkt. 5c, oz. 60c, lb. \$6.00.
Wild Rice— $\frac{1}{4}$ lb. 10c, lb. 30c, 100 lbs. \$25.00.

Postage at the rate of 5c per lb. to Canadian points, and 16c per lb. to Newfoundland and the United States must be added to the above prices if required by mail. Prices on this page subject to market fluctuations.

FLOWER SEEDS

A Few Brief Practical Directions on Their Management

To be successful in the raising of plants from seeds requires much greater care than is commonly exercised, and many packets of valuable seeds are annually destroyed for the want of a little skill and forethought. Inattention or want of skill in watering is undoubtedly the main source of failure, a single hour of a dry surface at certain stages of germination being sufficient in many cases to destroy life. Amateurs especially are reminded that there can be no fixed time for watering; the surface of the soil must never be allowed to become quite dry, neither must it at any time become decidedly wet, and to maintain this intermediate state is one of the essential conditions of success.

FLOWERING PLANTS ARE USUALLY DIVIDED INTO THE FOLLOWING SECTIONS:

ANNUALS, BIENNIALS, PERENNIALS.

Annuals—Plants which require to be sown annually, as they live and bloom only one season.

Biennials—Plants which do not flower until the second season after sowing, remain a certain time in perfection and then die. They are produced from seed and some of the finest varieties are propagated from cuttings.

Perennials—Plants which continue to grow and bloom annually.

Annuals are called either *hardy*, *half-hardy* or *tender*. Hardy annuals will grow and blossom in the border without any artificial heat or protection, and may be sown during the months of May and June. The soil should be well prepared and neatly leveled and the seed sown either in small patches, each kind by itself or in drills. In about a month, more or less, many of them will be fit to transplant, which should always be performed in cloudy or rainy weather.

Half-hardy annuals applies to those annuals which, although they will flower freely in the open ground, require artificial heat to assist germination, and protection from atmospheric changes during the earlier stages of their growth, many of them are of great beauty and interest and derive an additional value from flowering after most of the hardy annuals are out of bloom.

Tender annuals require the aid of greenhouse or conservatory to bring them to perfection. The seeds are generally sown in March, placing them in a warm part of the greenhouse or plunging them into a moderate hot-bed carefully protecting them from cold, shading them from the sun and watering them with a fine rose watering pot.

Biennials and Perennials may be sown at the same time as Annuals of the same degree of hardiness and treated similarly, except such of the hardy kinds as do not bloom the first year. These last may be thinned out or removed from the seed beds as soon as they are well rooted and planted either in different parts of the garden, or into a nursery bed, in rows a foot or more apart. Some Biennials and Perennials may be sown in September or as soon as the seeds are ripe, and if the plants get strong enough before the setting in of winter, most of these will flower the next season.

On the Preparation and Management of a Hot-Bed for Raising Seedlings.

"Sow in heat, sow in hot-beds," are the directions so commonly found in the notices of half-hardy annuals, that we feel that we shall be materially aiding those who are their own gardeners if we give a few simple directions on the subject of hot-beds composed of stable manure, the most frequent and useful form in which it is to be found.

The preparation of the manure is a matter of great importance, and if the bed be expected to retain its usefulness for any length of time it should be well worked previous to being used. If obtained fresh from the stable yard and found to be dry, it should be well watered and thrown lightly together to ferment. This will take place in the course of a few days, and three or four days afterwards it should be completely turned, well shaken and mixed, keeping the more littersy portion to the interior of the heap; a second watering and turning may be necessary, although one will be generally sufficient. When thus cleansed of its rankness the beds may be made.

The situation for this should be dry underneath, sheltered from the north as much as possible and fully exposed to the sun; it should be built from two feet six inches to four feet high, and wider by six inches each way than the frame to be placed upon it. The manure should be well shaken and mixed up while being put together, and firmly pressed with the foot. The frame should be kept closed till the heat rises, and three or four inches of sifted sand or ashes should be placed on the surface of the bed. In a few days it will be ready for use, but air should be given night and day while there is any danger of the rank steam, and if the sand or ashes are drawn away from the side of the bed they should be replaced.

BRUCE'S 25 CENT FLORAL COLLECTIONS FOR 1914

The following collections of Flower Seeds are arranged specially for the benefit of purchasers who find difficulty in making a selection where there are so many varieties in a class to choose from. Each collection contains an assortment of the most brilliant shades, giving the greatest diversity of color obtainable, and all are selected from our choicest strains. We offer them at about half our catalogue price to encourage the more general cultivation of flowers and to disseminate a knowledge of the different varieties. We have been so successful in capturing the public taste with our selections that we feel a degree of pride in referring to it, and it is our intention to maintain this standard of perfection.

BRUCE'S COLLECTION OF FLORAL GEMS.

Verbena, choice mixed.
Phlox Drummondii, mixed colors.
Candytuft, mixed colors.
Eschscholtzia, mixed.
Balsam, double flowered, mixed colors.
Dianthus (Pinks), single and double, mixed colors.
Petunia, striped and blotched.
Zinnias, large flowering, mixed colors.

Eight beautiful varieties for 25 cents.

BRUCE'S EMPIRE COLLECTION OF ASTERS

Queen of the Market, finest mixed.
Hohenzollern, finest mixed.
Victoria, finest mixed.
Late Branching, finest mixed.
Giant Comet, finest mixed.

Five superb varieties, all colors, for 25c.

BRUCE'S ROYAL NOSEGAY OF SWEET PEAS.

Dorothy Eckford, white.
Miss Wilmott, orange pink.
Queen Alexandra, scarlet.
Lord Nelson, dark blue.

Four Standard Varieties, 25c.

BRUCE'S PEERLESS COLLECTION OF TALL OR CLIMBING NASTURTIUMS.

Crimson Fashion
Asa Gray Primrose
Spitfire Rudolph Virchow
King Theodore.

Seven of the best tall or climbing sorts for 25 cts.

BRUCE'S PEERLESS COLLECTION OF DWARF NASTURTIUMS.

Empress of India Yellow
Aurora King Theodore
Vesuvius Chameleon
Lilliput Flowered.

Seven of the finest varieties for 25 cents.

Bruce's Spencer Collection Sweet Peas—6 varieties 50c. See page 67.

Floral Novelties for 1914

THE DESCRIPTION GIVEN ARE THOSE OF THE GROWERS

NEW AMERICAN ASTERS

VICK'S PINK ENCHANTRESS

Is upright in habit, as distinguished from the branching form. The plant is very vigorous and produces long, strong, graceful stems for the support of numerous large, marketable blooms. The flower is always full double; petals are of medium length and very broad. Those toward the centre fold in very regularly, while gradually, towards the outer edge, the petals stand out more and more, until those on the outside recede from the centre, thus increasing the diameter of the flower, which compares very favorably in size with the largest flowering kinds. Pkt. 25c.

VICK'S WHITE KING

and Vick's Lavender-Pink King bloom with the Late Branching, and have all the vigor of that famous class of Asters. Plants, however, are upright in growth, differing in this respect from Violet King and Rose King. Stems are long, and very free from side shoots. In the field this summer there were any number of plants with flower stems from 14 to 20 inches long. Pkt. 25c.



Vick's Enchantress.

VICK'S ROYAL ASTERS

A new class of Asters in which the petals are very broad and distinctly incurved or shell-shaped. The peculiar shape of the petals gives an effect of shading that enhances the beauty of the color. The flower has a charming grace and a Chrysanthemum-like effect. In size the flowers are like the Late Branching Asters, and the plants have the same sturdy vigor but are not so tall, as they branch close to the ground. In season they are earlier than the Branching Asters, remaining in bloom a long time.

Royal White—A beautiful, glistening white. Pkt. 20c.

Royal Pink—A dainty shell-pink. Packet 20c.

Royal Lavender—Beautiful shade of lavender. Packet 20c.

**BRUCE'S FLOWER SEEDS
ARE UNEQUALLED
IN QUALITY**

VICK'S LAVENDER-PINK KING

Is similar to Vick's White King in type of plant and flower, differing only in color, which is a beautiful lavender-pink. Pkt. 25c.

VICK'S PEACH BLOSSOM

Vick's Late Branching Peach Blossom is a decided and pleasing shade of deep, lavender pink. The flowers are of the largest Branching size, and very deep, having an unusual number of rather narrow petals. The size and thickness of the flower gives it a massive effect. The plants are of the non-lateral type, with very strong stems that hold the flowers up at all times. Visitors at our farm the past summer, both florists and amateurs, predict it will become a standard as soon as stock is available. Pkt. 25c.



NEW CANADIAN ASTER, THE BROOKING

Mr. Brooking, the originator has, by careful and painstaking selection, brought this beautiful Aster to a very high degree of perfection, the plants attain a height of 24 to 30 inches, and are well branched, with long, strong stems, the pure white flowers being densely double and extra large, possibly the finest mid-season white Aster yet introduced. Pkt. 10c.

New Canadian Aster, The Brooking.



Golden African Marguerite.

Golden African Marguerite

(*Dimorphotheca Aurantiaca*). A rare and extremely showy annual from South Africa. The plants grow about 12 or 15 inches high, and are exceedingly profuse in flowering. Its Marguerite-like blossoms $2\frac{1}{2}$ to $2\frac{3}{4}$ inches in diameter, show a unique, glossy, rich, orange gold surrounding a dark disc and zone. This splendid annual is well adapted for groups or borders, it produces its pretty flowers very early after being planted out in the open ground in sunny situations, and will continue to flower during the summer months. Pkt. 10c.

Aurantiaca hybrida.—These new hybrids vary in color from white to red and tints of sulphur, lemon and yellow salmon shades, very pretty. Pkt. 15c.

Delphinium Belladonna

(*Everblooming Hardy Larkspur*.)

This charming new variety is the freest and most continuous blooming of the hardy Larkspurs. The flowers are gracefully borne and never crowded up on the spikes as in the ordinary types of Delphinium and are much more attractive for cutting and decorative work. The plants grow from three to five feet high, and are self-supporting. The individual flowers measure two inches across, the colors ranging from the lightest lavender and azure-blue through the loveliest intermediate shades to deepest blue. Seed sown in early spring will produce plants that will bloom freely through the late summer and autumn. Pkt. 15c.

New Hardy Hybrid Delphinium

This is a very choice English strain of large flowered hybrids. The plants are of strong, vigorous habit, with immense spikes of florets in all shades of blue. Pkt. 15c.

Ageratum, Little Blue Star

This pretty new variety is entirely different from all other dwarf Ageratums. The wee, bushy plants do not exceed 4 or 5 inches in height, and are literally covered with clusters of small, bright blue flowers, which before opening show a reddish-purple centre. A splendid plant for borders, edgings, etc. Pkt. 15c.

Primula Kewensis

This charming addition to the greenhouse Primroses originated at the Royal Gardens, Kew. The plant is a strong grower, with bright green leaves, numerous erect flower-scapes, 10 to 18 inches in height, producing flowers in whorls at intervals along their whole length. The flowers are fragrant; bright yellow in color. As a winter flowering, decorative plant it is an acquisition. Pkt. 25c.

Primula Obconica Gigantea

This is the finest of the Obconica type yet introduced, of strong, vigorous growth, with extra large individual flowers and flower heads, borne on extremely strong stems. In color they vary from pale lilac to rose, and make handsome specimens for window garden or conservatory decoration and are a splendid cut flower. Pkt. 25c.

Lupinus Polyphyllus Roseus

A beautiful variety of the old-fashioned hardy perennial Lupine, with its showy rosy-pink flowers, which are borne in long spikes, raised well above the handsome satiny palmate leaves; makes an attractive display from June to September. Pkt. 10c.

Nigella Miss Jekyll

A particularly fine variety of this charming annual, growing about 18 inches high, and bearing on long stems lovely cornflower-blue flowers, which are much prized for cutting in the leading European cities. As easy to grow as Nasturtiums, and remaining in bloom the greater part of the summer. Pkt. 10c.



Delphinium Belladonna.

New Early Large Flowering Giant Nice Winter Stock



Abundance Stock.

- Beauty of Nice—Fleshy pinkPkt. 10c
- Almond Blossom—White, shaded carmine.Pkt. 15c
- Queen Alexandra—Rosy-lilac.Pkt. 10c
- Abundance—Carmine-rosePkt. 15c
- Bianca—New snow-white, extraPkt. 15c
- Purple (Violet)—New color.Pkt. 15c
- Choice Mixed.Pkt. 10c

For full description of above, see page 68.

Primula Malacoides

Introduced from China, the pretty Primula malacoides has proved to be one of the freest-flowering species for



Primula Malacoides.

pots, and is, in consequence, already widely cultivated. The flowers are a beautiful shade of light lilac; the seedlings bloom at four months; from sowings made in January or February they will flower from May to July, while by sowing in August, one may obtain a rich display of bloom lasting well into the winter months. This quick growth, combined with the rare grace of the inflorescence, will bring Pr. malacoides into vogue as a conservatory and indoor plant. Pkt. 25c.

Primula Malacoides Alba

This new variety produces pure white flowers, it is equally as handsome as the lilac type form, of which it possesses indeed all the attractions and will no doubt soon achieve a similar share of popular favor. Pkt. 25c.

Snapdragon, Large-Flowered Double Yellow

(*Antirrhinum majus grandiflorum*
luteum fl. pl.)

Much well-deserved popular interest has of late years been manifested in Snapdragons, and the white flowering double variety has also received its full share; it may certainly be considered a notable development in this valuable genus. The variety we now offer bears flowers of a brilliant canary-yellow and possesses in other respects the same remarkable attributes as its predecessor, i.e., in 60 to 70 per cent. of the seedlings abnormal fantastic petals emerge from the mouth-like aperture, giving quite a different aspect to the blooms and a more massive appearance to the well-furnished spikes. A striking feature of these double Snapdragons is that the flowers completely eclipse all others in size. Pkt. 25c.

Double White—Identical with above, except in color. Pkt. 15c.



Double Antirrhinum.

**Sow Bruce's
Lawn Grass
Seed**
See Page 37

Hansa Poppy—Single Fringed

The flowers of this new Poppy have a pure white ground color, passing towards the finely slitted edge to a deep crimson. The single fringed Poppy is one of our prettiest and most favored annuals, its easy culture makes it a general favorite. Pkt. 10c.

Artemisia Sacrorum Viridis, "Summer Fir."

This new ornamental foliage plant introduced from China, is an annual, and owing to its fast growth, it reaches its full size in the first year of sowing. It forms grand pyramidal bushes of 3 to 5 feet in height. As a solitary plant it looks like a nicely grown out Christmas Tree. As a pot plant it is very pretty, and may also be successfully grown in groups and borders, similar to Kochia trichophylla, the Summer Cypress. The color of the finely pinnated foliage is a rich, dark green. For its great availability and its most easy culture, this novelty may most warmly be recommended to amateurs. Pkt. 15c.



New Poppy—Hansa.

FOUR NEW SWEET PEAS FOR 1914

"King White"

Undoubtedly the leading novelty in the Sweet Pea world for 1914. A "perfect" White Spencer Sweet Pea has long been the desire of growers, but none expected such an advance as King White marks. Not only because of the glistening immaculate purity of the whiteness, but because of the perfect finish of the flower. King White attains perfection in every detail which goes to make up a Spencer Sweet Pea. It is the experts' ideal for perfect form. The improvement in form, size, vigor, waviness and purity stands eminently out when compared to other White Spencers and calls for unstinted admiration. The number of four-blossomed sprays and the great length of stem will appeal strongly to those wishing a good white for decorative work. King White has been awarded the Award of Merit of the British National Sweet Pea Society and Certificate of Merit from the Pennsylvania Horticultural Society. Per packet 20c.

"Illuminator"

A glorious orange-salmon Sweet Pea. In dull light the color appears to be a "flat orange scarlet," but when in brilliant sunshine or under artificial light, the color is completely changed. It appears to be a bright salmon cerise, sparkling with orange. When seen at its best one has to call it "glorious," fully appreciating the meaning of the adjective.

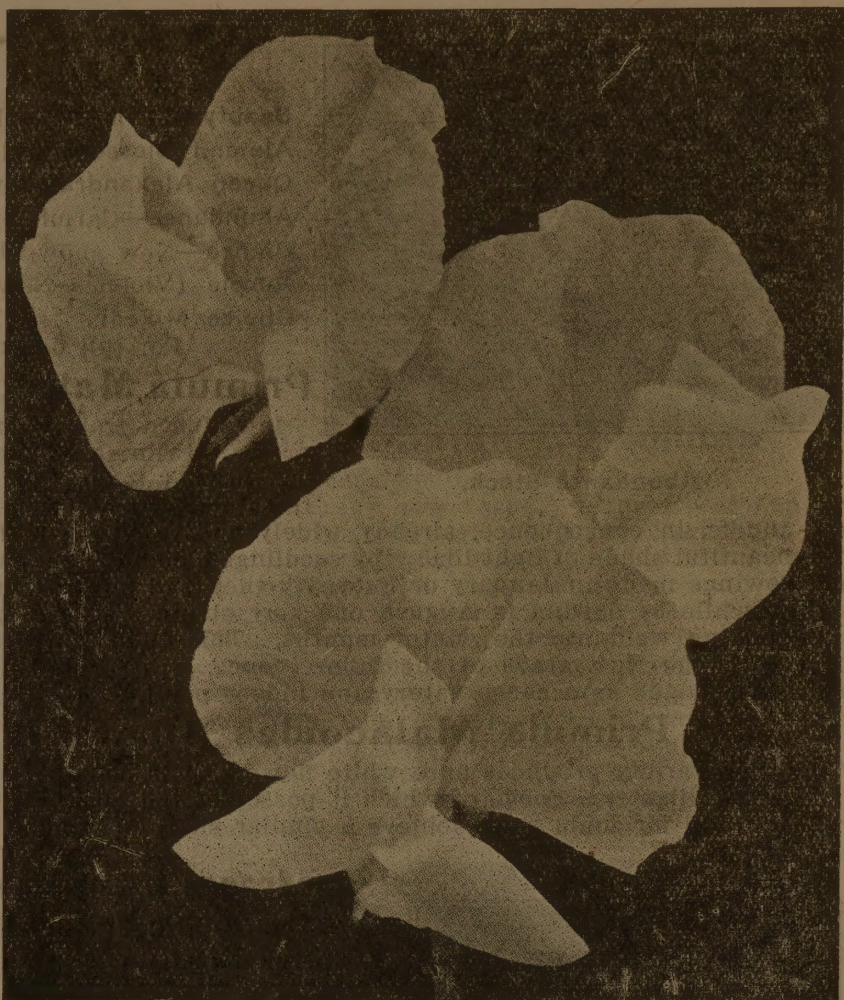
"Illuminator" introduces a new shade of color to Sweet Pea enthusiasts, of rare beauty and with its additional attributes of great vigor, floriferousness and symmetry, it is sure to captivate all who give it a place in their garden. Awarded Certificate of Merit by the Pennsylvania Horticultural Society. Per packet 20c.

Empress Eugenie

This beautiful novelty was awarded a Certificate of Merit by the American Sweet Pea Society, June 29th, 1911, but owing to its shy seeding character, we have not been able to introduce it until this season. The color is a delicate tone of light gray, flaked with light lavender. A vase or bunch of Empress Eugenie gives a most charming effect. The flowers are of large size, beautifully waved and crimped. A vigorous grower and very free bloomer, throwing a large proportion of four-flowered sprays. Per packet 20c.

Wedgewood

Wedgewood is appropriately named, as its color throughout is a unique shade of Wedgewood blue, a color so popular in China. Wedgewood is a true self, being a most beautiful Wedgewood blue throughout the entire flower. It produces profusely flowers of good size, borne almost uniformly in four-flowered sprays well placed upon long stout stems. Of finest Spencer form, the standard and wings are well waved. Wedgewood was awarded Certificate of Merit by the Pennsylvania Horticultural Society at the Sweet Pea Show, Philadelphia, June 26th, 1913. Packet 20c.



New Sweet Pea, King White.

Favorites of Recent Introduction

Margaret Atlee

This was our leading novelty last year and it has proved to be a great favorite. The color is warm salmon pink, perfectly suffused over a cream ground. The cream deepens into bright buff at the base of standard and wings and this lights up the flower with great effect. The shade of pink found in Margaret Atlee is entirely a new shade, and commands admiration. The flowers are of extraordinary size and we measured many flowers two and one-half inches across the standard. Per packet 20c.

"Margaret Madison"

A beautiful self-colored azure blue, very distinct and pretty. Pkt. 15c.

King Manoel

A deep, rich, maroon Spencer of tremendous size, one of the most striking dark varieties ever offered. A strong, vigorous grower and free bloomer. Packet 20c.

Masterpiece

A splendid lavender Spencer, slightly tinted mauve. Flowers very large and wavy; stems nearly always carry four blossoms, of strong, robust growth and extremely free flowering. Pkt. 15c.

Maud Holmes

Flowers are of the largest size, three and four to a spray, carried on long stems, of brilliant crimson, the blooms are of the true Spencer type, both standards and wings being well waved. Pkt. 15c.

BRUGES'S SELECTED FLOWER SEEDS

ALL FLOWER SEEDS SENT FREE BY MAIL AT CATALOGUE PRICES



Abronia.

ABRONIA.

A pretty creeping plant with verbena-like heads of sweet-scented flowers. Hardy annual.

Umbellata Grandiflora—Delicate rose. Pkt. 5c.

Arenaria—Lemon color. Pkt. 5c.

ABUTILON.

Large flowers in red, white, rose and orange; richly veined; suitable for house in winter and garden in summer; half hardy shrubs; easily raised from seed. Finest mixed hybrids, pkt. 10c.



Abutilon.

ACHILLEA.

Ptarmica Fl. Pl. (Double White Yarrow)—One of the best hardy white perennials, grows about 2 feet high, and from spring till frost is covered with heads of pure white flowers; easily grown from seed, flowering the first season if sown early. **The Pearl**—Extra double. Pkt. 10c.



Ageratum.

ACONITUM.

Monkshood—A free blooming plant of easy culture; flowers blue and white; 3 feet; hardy perennial. Pkt. 5c.

AGERATUM.

Very valuable and showy bedding plants. If lifted in fall and placed in the parlor or greenhouse will keep up a succession of flowers during the winter. Annual.

Mexicanum—Blue. Per oz. 30c, pkt. 5c.

Dwarf Blue—Azure blue, very floriferous. Pkt. 5c.

Dwarf White—Extra fine. Pkt. 5c.

Victoria Louise—Sky blue flowers with white centre. Very pretty. Height seven inches. Pkt. 10c.

Blue Perfection—This is the darkest colored of all Ageratums; color deep amethyst blue; compact growth; fine bedder. Pkt. 5c.

Little Blue Star—Charming novelty. See description page 43. Pkt. 15c.

ALYSSUM.

Free flowering, useful, pretty little plants for beds, edgings, and rock work, blooming all summer; they also succeed well in the greenhouse for winter and early spring flowers, and are much used in bouquets because of their delicate fragrance. Annual.

Sweet Alyssum—Height ½ foot. Oz 30c, pkt. 5c.

Little Gem—Dwarf compact habit; 4 inches. Pkt. 5c.

Saxatile Compactum—Flowers golden yellow; very pretty. Hardy perennial; height 9 inches. Pkt. 5c.

AGROSTEMMA.

Coronaria—Rose Champion—Free blooming and pretty. Hardy perennial. Pkt. 5c.

Coeli Rosea—Rose of Heaven—Flowers bright rose, excellent for cutting. Height 18 inches. Hardy annual. Pkt. 5c.

AMARANTHUS.

Ornamental foliage plants of extremely graceful and interesting character, producing a striking effect, whether grown in conservatory or flower garden. Hardy annual.

Melancholicus Ruber—Crimson foliage, 2 ft. Pkt. 5c.

Tricolor Splendens—Joseph's Coat—Very pretty; 2 feet. Pkt. 5c.

AMPELOPSIS VEITCHII.

Japanese Ivy—This beautiful climber, generally known as Boston Ivy, is specially adapted for covering brick or stone buildings. Hardy perennial. Pkt. 5c.

Plants (two-year old) 35c each, \$3.50 per dozen, postpaid.



Sweet Alyssum.

ANTIRRHINUM.

Snap Dragon—An old garden favorite, of easiest culture. For gorgeous colorings few flowers can match them. Raised under glass in spring and planted out, all the varieties will bloom profusely during summer and into autumn. They thrive in any soil, the tall sorts yielding an abundance of fine cut flowers, while the dwarf sorts make handsome edging. Half-hardy perennial.

Queen of the North—The plants form elegant symmetrical little bushes, covered with large white flowers of beautiful form, standing well above the foliage; suitable for bedding and pot culture; 1½ feet. Pkt. 5c.

Tom Thumb—Finest mixed; ¾ foot. Pkt. 5c.

Tall Varieties—Finest mixed; 2 feet. Pkt. 5c.

Giant Flowered—The flowers of this new strain are much larger than those of the old type, and the plants grow taller.

Finest Giant Mixed—All colors. Pkt. 10c.

Queen Victoria—Very large, pure white flowers. Pkt. 10c.

Imported Collection Giant Flowered, 6 varieties, 40c.

Imported Collection Giant Flowered, 12 varieties, 75c.



Aquilegia.



Auricula.

AQUILEGIA OR COLUMBINE

An extremely showy genus of early summer blooming plants, their flowers being beautiful both in form and color. Hardy perennial.

White Spurred (Chrysantha Gran. Alba)—A beautiful large pure white, long spurred variety. Pkt. 10c.

Rose Queen (Coerulea rosea) Delicate rose shades, with white centre and yellow stamens. Pkt. 10c.

Long Spurred Hybrids (Coerulea hybrida)—Superb long spurred flowers, in a great variety of colors. Pkt. 10c.

Double Mixed—Pkt. 5c.

Choice Mixed—Many sorts, single and double. Pkt. 5c.

ARABIS (Rock Cress)

One of the earliest spring flowering hardy perennials; it grows about six inches high, of dwarf, spreading habit, and profusely covered with pure white, fragrant flowers.

Alpina—Fine for rockeries. Pkt. 5c.

Alpina Grandiflora Superba—Improved large flowers. Pkt. 10c.

Rosea—Vivid rose, dwarf. Pkt. 10c.

ARCTOTIS GRANDIS.

A new annual from Southwest Africa. The leaves are soft and whitish. Its flower heads, borne on long stems, are from 2½ to 3 inches across; the ray florets being pure white on the upper surface, are embellished by a narrow yellow zone at their base; reverse of petals pale lilac; of easy culture; height 2 feet. Pkt. 5c.

AURICULA.

A well-known variety of great beauty, succeeding best in northern aspect. Half-hardy perennial.

Choice mixed—Pkt. 10c.

ARISTOLOCHIA SIPHO

(Dutchman's Pipe Vine.)

A vigorous and rapid growing climber, and trained against the house or verandah the effect of its massive foliage is matchless; brownish-colored pipe shaped flowers. Hardy perennial. Pkt. 10c.

ASPARAGUS SPRENGERI.

Specially useful to grow as a pot plant for decorative purposes, or for planting in vases or suspended baskets. It grows freely the whole year round; as it withstands dry atmosphere it makes an excellent house plant. A vigorous grower, producing sprays four to five feet long, of fresh green, feathery foliage. Useful for bouquets, wreaths or sprays, remaining perfect for weeks after cutting. Pkt. 10c.

ASPARAGUS PLUMOSUS NANUS.

A beautiful plant, with bright green, gracefully arched foliage, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. The fronds are twelve to fifteen inches in length, and taper to a point from a width of twelve inches. One of the most beautiful decorative plants. Pkt. 20c.



Giant Flowered Antirrhinum.



Asparagus Plumosus.



The "Brooking" Aster—Giant White.

This magnificent Aster is of sturdy growth, well branched, bearing on long, straight stems the most perfect double, pure white flowers of the largest size. No finer mid-season white aster grown. See above reproduction from a photograph.

Giant White—Pkt. 10c.

Giant Rose—Pkt. 10c.

NEW HOHENZOLLERN.

A new large flowered strain of the best Comet type. Plants are of a strong, bushy habit of growth, the handsome flowers being borne on long, strong stems, are unsurpassed for cutting; height 20 to 24 inches.

White ... Pkt. 10 Pale Pink ... Pkt. 10
Azure Blue... Pkt. 10 Choice Mixed .. Pkt. 10

EARLY FLOWERING HOHENZOLLERN.

Like preceding as to habit and shape of flowers, and considerably larger than those of the Queen of the Market, while just as early as that variety.

Pure White... Pkt. 10 Pink... Pkt. 10

Lady in White—The pure white flowers of this free-flowering variety are borne on slender stalks, and have the same graceful semi-globular form as the Mignon. Indispensable for florist work. Pkt 10c

Dwarf Chrysanthemum-Flowered—Flowers very large and double, resembling Chrysanthemums. Height 9 to 12 inches.

Pure white, extra fine ... Pkt. 10
Choice mixed, all colors ... Pkt. 10

Victoria Needle—Flowers large and double; petals twisted as round as needles, the effect being unique and charming; height 18 inches.
Choice mixed, all colors ... Pkt. 10

German Quilled Betteridges — Petals quill shaped; flowers large and double; height 2 feet. Choice mixed. Oz. \$1.00, pkt. 5c.

DOUBLE ASTERS

The Aster is not only one of the most popular but also one of the most productive of our garden favorites, producing in profusion flowers in which richness and variety of color are combined with the most beautiful and perfect form. In our flower beds and mixed borders it occupies a deservedly prominent position. All the varieties delight in a rich, deep soil, and in hot, dry weather should be mulched with well-rotted manure and frequently watered. Hardy annual.

QUEEN OF THE MARKET.

An extra early variety of graceful spreading habit; valuable for cutting.

Pure White ... Pkt. 5 Scarlet... Pkt. 5
Rose Pink ... Pkt. 5 Purple... Pkt. 5
Flesh Color ... Pkt. 5 Light Blue ... Pkt. 5
Choice Mixed, oz. \$1.00, ¼ oz. 30c, pkt. 5c.

GIANT COMET ASTER.

A magnificent class, of strong growth. The handsome flowers, which are extremely loose and graceful, are borne on long stems; of great value for general decorative purposes; height 18 to 24 inches.

The Bride—White, changing to rose... Pkt. 10

Pure white... Pkt. 10 Pink ... Pkt. 10
Crimson... Pkt. 10 Lavender... Pkt. 10
Salmon Rose... Pkt. 10 Purple... Pkt. 10
Pink bordered, white, new ... Pkt. 10
Mixed, all colors ... ¼ oz. 75c, pkt. 10

DWARF VICTORIA.

Admirably adapted for bedding and also florists' use; height 9 to 12 inches.

Pure White... Pkt. 10 Choice Mixed... Pkt. 10



LARGE FLOWERED VICTORIA.

A magnificent race of Asters, flowers are large, globular and double; plants pyramidal, bearing from 10 to 12 blooms at one time; height 18 to 20 inches.

Pure White... Pkt. 10 Peach Blossom Pkt. 10
Pale Pink... Pkt. 10 Crimson... Pkt. 10
Light Blue ... Pkt. 10 Purple... Pkt. 10
Choice mixed, all colors, ¼ oz. 75c, pkt. 10c.

Imported Collection of 12 separate colors, 75c.
Imported Collection of 6 separate colors, 50c.

ASTERS—Continued.

LATE BRANCHING ASTER.

A variety of American origin. The flowers are borne erect on very long stems. The broad, wavy petals are gracefully curled and twisted. Being a late bloomer, the flowers come at a time when other kinds are scarce, and thus the more prized.

Rose-PinkPkt. 10	CrimsonPkt. 10
Shell-PinkPkt. 10	PurplePkt. 10
Pure WhitePkt. 10	LavenderPkt. 10
Deep RosePkt. 10	All colors mxd. .Pkt. 10

Crown or Cocardeau—A very showy variety; flowers double, with a white centre surrounded by petals of a distinct bright color; height 18 to 20 inches. Choice mixed. Pkt. 10c.

Triumph—A distinct variety, forming compact plants from 8 to 10 inches high. The flowers are large and of rare beauty, the petals being beautifully incurved. Makes a fine pot plant, and is unequalled as a bearer. Choice mixed. Pkt. 10c.



Truffaut's Paeony-Flowered Aster.

TRUFFAUT'S PAEONY-FLOWERED.

One of the most perfect and popular of the Asters, the flowers being very double, large and handsome; petals incurved; height 18 to 24 inches.

Snow White.Pkt. 10	Purple.Pkt. 10
Pale Pink.Pkt. 10	Light BluePkt. 10
Crimson.Pkt. 10	Bright RosePkt. 10
Choice Mixed, all colors ¼ oz. 60c, pkt. 10	

Imported collection of 12 separate colors, 60c.

Imported collection of 6 separate colors, 40c.

Sunlight—Sulphur Yellow—The finest of its color. The flowers are borne on long, stiff stems, and measure 3 to 4 inches in diameter; height 18 to 20 inches. Pkt. 10c.

BRUCE'S SUPERB MIXTURE OF ASTERS.

The best large-flowering varieties of different types, suitable for cut flowers, such as Truffaut, Hohenzollern, Giant Comet, Victoria, Late Branching and other desirable sorts. This select mixture contains a liberal proportion of white and light shades, ensuring a most satisfactory result in color. ¼ oz. \$1.00, pkt. 10c.

German Mixed Asters—A good mixture of different types. Oz. 75c, ¼ oz. 25c, pkt. 5c.



Late Flowering Branching Aster.

VARIOUS AMERICAN ASTERS

Vick's New Pink Enchantress.

Vick's New White King.

Vick's New Lavender-Pink King.

Vick's New Peach Blossom.

For description of above varieties see page 41.

Vick's Royal Asters—Without doubt one of the best general purpose Asters ever introduced. In size the flowers are like the Late Branching, and the plants have the same sturdy vigor, but are not so tall, as they branch close to the ground, they are earlier than the Branching Asters, remaining in bloom a long time.

Pure WhitePkt. 20	Shell-PinkPkt. 20
Lavender.Pkt. 20	MixedPkt. 20

Violet King—Similar in habit to the Late Branching type, being a very free grower, with long, strong stems, and perfectly double flowers of a pleasing soft shade of violet. Pkt. 10c.

Lavender Gem—This beautiful Aster is of the Comet type, with large, artistic, loosely-arranged flowers, of the most charming shade of lavender. Pkt. 10c.

Crego's Giant—The flowers are of immense size. The plants are of sturdy growth, attaining a height of over 2 feet, well branched, with long, strong stems and artistic fluffy flowers rarely less than 4 inches across.

Crego's WhitePkt. 10	Crego's Shell PinkPkt. 10
Crego's LavenderPkt. 10	Crego's MixedPkt. 10

Daybreak—The flowers are round, very large and full, on long stems. The color is a lovely sea-shell pink. It is an early bloomer and a strong, compact grower. Pkt. 10c.

Purity—Identical in every way to Daybreak, but a pure snow white. Pkt. 10c.

Mikado Pink—Of the finest Comet type; the petals are narrow, very long and gracefully reflexed. In color it is a most exquisite shade of lavender-pink; the flowers which average from 4 to 6 inches in diameter, are borne on long, strong, graceful stems. Pkt. 10c.

Our Special Offer in Asters

BRUCE'S EMPIRE COLLECTION FOR 1914

Five Superb Varieties for 25 cents.

All separate; mailed to any address for 25 cents; usual catalogue price 45 cents. See page 40.



DOUBLE BALSAM

Well known and deservedly popular plants, producing flowers in wonderful profusion, resembling the Camellia in form, and often fully as double. Half-hardy annual.

WhitePkt. 10c. CrimsonPkt. 10c
Double-Flowered—Extra choice mixed. Oz. 75c. pkt. 10c.

Double Flowered—Fine mixed. Oz. 50c ,pkt. 5c.
IMPORTED COLLECTIONS.

Camellia Flowered—Six distinct colors, 50c.



Single Begonias.
BEGONIAS.

Tuberous Rooted, New Hybrids.

These splendid varieties produce handsome plants from 12 to 18 inches, high, covered the whole summer with bright and elegant flowers of almost every shade of color; flowers of some varieties attain an extraordinary size, being frequently 6 inches in diameter. Plants do best when grown in a partially shaded situation. Seedlings raised in heat early in spring will flower the same summer.

BEGONIAS—Tuberous Rooted—Continued.

Single varieties, with plain, frilled and wavy petals, finest mixed, pkt. 10c.

Double varieties, finest mixed, pkt. 25c.

FIBROUS ROOTED BEGONIAS.

Semperflorens—A perpetual flowering section of great value for bedding. Seedlings of spring bloom in summer, while seedlings of summer make valuable decorative plants for the greenhouse during winter.

Vernon—Rich red flowers and glossy bronze red foliage. Height 6 inches. Pkt. 15c.

Erfordia Grandiflora Superba—A large flowered strain of this popular bedding Begonia. Flowers bright rosy-carmine. Pkt. 15c.

Gracilis Luminosa—The foliage of this magnificent new Begonia is a lustrous reddish brown color; while the flowers, measuring 1 to 1½ inches across are of a fiery dark scarlet. No better sort for bedding has yet been seen. Pkt. 25c.

REX BEGONIA.

Ornamental Leaved Varieties—Finest mixed. Pkt. 25c.

BALLOON VINE.

Cardiospermum Halicacabum—A genus of rapid growing climbers, remarkable for an inflated balloon-shaped seed capsule, which it bears in clusters; height 6 to 8 feet. Annual. Pkt. 5c.

BARTONIA AUREA.

Very showy; golden yellow; height 1½ feet. Annual. Pkt. 5c.

BROWALLIA.

Speciosa Major—The plants of this new variety grow only about a foot high, forming dense little bushes, which are covered with an abundance of the most intense violet-blue flowers, much larger than those of the older sorts. For beds, borders or pots there is hardly another plant with blue flowers that compares with it. Annual. Pkt. 10c

BRACHYCOMBE.

Swan River Daisy—Dwarf, free flowering plants, covered all summer with a profusion of Cineraria-like flowers; very attractive in edgings, rustic baskets, or for pot culture. Half-hardy annual.

Iberidifolia—Fine mixed; ½ foot. Pkt. 5c.

CALENDULA.

Pot or Garden Marigold — Remarkably profuse blooming plants; their easy culture and continuous bloom make them valuable for beds and borders. Hardy annual.

Meteor — Double yellow flowers, striped with orange. Pkt. 5c.

Fine Mixed—Many colors. Pkt. 5c.



Calendula

CANARY BIRD FLOWER.

Tropaeolum—Bright fringed, yellow creeper; very ornamental; a general favorite; 10 feet. Half-hardy annual. Oz. 30c, pkt. 5c.

CALLIOPSIS OR COREOPSIS.

This genus is one of the most striking of all annuals, the varieties being very effective in mixed borders, while the dwarf, from their compact habit, are well adapted for beds, the colors all being strikingly beautiful. Hardy annual.

Drummondii—Orange yellow. Pkt. 5c.

Nigra Speciosa—Rich crimson; 1 foot. Pkt. 5c.

Fine Mixed—All colors. Oz. 30c, pkt. 5c.

Double—Flowers semi-double. Pkt. 5c.

CALLIOPSIS OR COREOPSIS—Continued.

Hybrida Superba—The plants of these new hybrids grow about 15 inches high, and are covered the entire season with medium sized flowers, varying in color from pale yellow to orange-red and dark velvety brown; very distinct and pretty. Pkt. 10c.

Coreopsis Lanceolata Grandiflora—One of the best hardy garden plants. The flowers are large, of a bright golden yellow, freely produced on long stems from June till frost; excellent for cutting; height 3 ft. Pkt. 5c.

CALCEOLARIA.

Plants of highly decorative character, indispensable for ornamentation of the greenhouse and garden. *C. Hybrida* is grown for outdoor decorations, while *C. Rugosa*, a shrubby variety, is sometimes grown for indoor and sometimes for outdoor decorations. Half-hardy perennial.

James' International Prize—Unequalled in size and brilliancy of color; 2 feet. Pkt. 25c.

Rugosa—Mixed; valuable for bedding; 1 ft. Pkt. 25c.

CANNA.

This genus, from its stately growth, combined with its rich and varied flowers and picturesque foliage, is one of the most strikingly effective of our ornamental plants. Seed should be soaked for a few hours in hot water before sowing. The roots may be taken up and preserved like Dahlias. Half-hardy perennial.

Crozy's New Dwarf Hybrids—Splendid large flowering, with broad leaves, finest mixed. Pkt. 5c.

Dark Leaved Varieties—Finest mixed. Pkt. 5c.

CAMPANULA.

Canterbury Bell—Well known favorite, bearing large bell and saucer-shaped flowers; well adapted for borders and pot culture. Half-hardy biennial. Single mixed, pkt. 5c. Double mixed, pkt. 5c.

Cup and Saucer (Calycanthema)—Pink, pkt. 5c; blue, pkt. 5c; white, pkt. 5c; fine mixed, pkt. 5c.

Superb Mixed—This special mixture includes single, double and Calycanthema varieties, in all colors. Pkt. 10c.

Pyramidalis—A grand sort, known as the Chimney Bell Flower. Hardy Perennial. Finest mixed blue and white; 4 feet. Pkt. 5c.

Grandiflora—Chinese Bell Flower—Hardy perennial, with large broad, well-shaped white or blue flowers; very handsome; 2 feet. Mixed blue and white. Pkt. 5c.

Persicifolia—A remarkably handsome hardy perennial, with large cup-shaped flowers, prized alike for borders and as a pot plant for the greenhouse; 2 feet; blue and pure white, mixed. Pkt. 10c.

Double White, Moerheimi—New—A magnificent double white variety. Pkt. 20c.

Fragilis—A valuable trailer, suitable for hanging baskets and rockeries; light blue; hardy perennial. Pkt. 10c.

CANDYTUFT

One of the most useful of border plants; very effective in beds, groups, etc. Also very useful for pot culture, for conservatory decorations during the winter. Hardy annual.

White Fragrant, Crimson, Carmine, Purple, each pkt. 5c.

Finest Mixed—All colors. Pkt 5c oz 20c.

Empress Improved or Giant Hyacinth Flowered—A new variety of great beauty and most desirable for cut flower purposes. It is of very branching habit, and when full grown and covered with its large trusses of pure white flowers presents a perfect pyramid of bloom throughout the summer. Pkt. 5c, oz. 40c.

Queen of Italy—New dwarf, erect growing variety, plant fairly covered with beautiful pink flowers. Pkt. 5c.

CASTOR OIL BEANS.

Ricinus—The picturesque foliage and stately growth, combined with the size of the giant varieties, impart to select plantations, shrubbery and mixed flower borders quite an oriental aspect. Half-hardy annual.

Zanzibariensis—A new Castor Oil Plant, far exceeding in size the much admired older kinds. The foliage is of the usual palmate character, produced in great luxuriance and of gigantic proportions, measuring 2 to 2½ feet in diameter; coloring varies from light green to dark coppery bronze and brownish purple. Oz. 20c, pkt. 5c.



Calliopsis.



Canterbury Bell.



Giant Empress Candytuft.



Castor Oil Bean.

CASTOR OIL BEANS—Continued.

- Gibsoni** (Duchess of Edinburgh)—Dark purple, stem and leaves; 5 feetoz. 20c, pkt. 5c
Cambodgensis—Fine dark red foliage; 5 feet. oz. 20c, pkt. 5c
Sanguineus—Blood red stalks and reddish purple leaves; 8 feetoz. 20c, pkt. 5c
Fine Mixedoz. 15c, pkt. 5c

CARNATION.

Marguerite—Plants will begin to bloom in about four months from sowing the seed; the flowers are varied and beautiful in color, are deliciously fragrant and exceedingly useful for cutting; about 75 per cent. of seedlings produce double flowers. Pure white, pkt. 10c; choice mixed, pkt. 10c.

Giant Marguerite—This improved strain produces much larger flowers; this, combined with great diversity and richness of color, makes it a most valuable acquisition. Finest mixedPkt. 10c

New Perpetual Riviera Market—The finest of all strains of Perpetual Carnations, and nearly as rapid in growth as the Marguerite class; seed produces about 80 per cent. of splendid double flowers, with a large percentage of yellow. Pkt. 25c

Grenadin—An extra early and very hardy variety. with brilliant double scarlet flowersPkt. 15c

- Grenadin**—Pure white; extra fine.Pkt. 20c
Hardy—Fine mixed; excellent for cutting.Pkt. 10c

CERASTIUM—Snow in Summer.

Tomentosum—A pretty dwarf, white-leaved edging plant, bearing small white flowers. Perennial.Pkt. 10c

CENTAUREA.

.. Splendid border plants; some, such as the Cornflowers, Sweet Sultans, etc., being prized for their handsome flowers; others for their ornamental and picturesque foliage.

White Leaved Varieties.

The silvery foliaged Centaureas are amongst the most beautiful and valuable bedding plants; should be started early in gentle heat. Half-hardy perennial.

- Candidissima**—Broad white foliage; 1 foot.Pkt. 10c
Gymnocarpa—Narrow silver foliage; 1 foot.Pkt. 5c

CENTAUREA IMPERIALIS, OR GIANT FLOWERED SWEET SULTANS.

These new hybrids are admirably adapted for cut flower use, being almost double the size of the well known Marguerite. Flowers are borne on long, stout stems, and very lasting, and if cut when scarcely open and placed in water will keep for 10 days; 2 feet.

- Giant Mixed**—All colors.Pkt. 10c
Yellow Sweet Sultan—Large, bright yellow flowers, useful for bouquets; 1½ feetPkt. 5c
Sweet Sultan—Mixed colors; 1½ feet.Pkt. 5c

CORNFLOWER—Centaurea Cyanus.

A very hardy annual for borders. Flowers most suitable for bouquets; 2 feet.

- Emperor William**—Deep blue, splendidPkt. 5c
Double Mixed—Handsome double flowers of various colorsoz. 50c, pkt. 5c
Single Mixed—All colors.oz. 30c, pkt. 5c

CLEMATIS.

Beautiful hardy climbers, fine for arbors and verandahs. The seeds, which are slow to germinate, should be soaked in warm water before sowing; hardy perennials.

Paniculata—This is one of the best hardy climbers, the small, star-like, white, fragrant flowers being produced in dense massesPkt. 10c

Mixed—Large flowering hybridsPkt. 10c.

CHELONE—BARBATA.

Hybrid. An excellent hardy perennial, producing long spikes of flowers, ranging in color from light pink to deep red and violet; 2½ feetPkt. 5c

CLARKIA.

Beautiful tribe of favorite plants, with pretty, cheerful looking flowers, growing freely and blooming profusely under almost any circumstances. Hardy annual.

Double Mixed—Many sorts; 2 feet.Pkt. 5c

Chinese Primrose—See Primula, page 65.

Single Annual Chrysanthemum. See page 52.



Marguerite Carnation.



Corn Flower.



CHRYSANTHEMUM.

The annual or summer flowering Chrysanthemums are very effective border plants. They are of easy culture, growing rapidly and flowering freely the whole summer; the flowers of various colors are bright and attractive, and being borne on long stems, are generally prized for cutting.

Single annual varieties, many colorsoz. 50c, pkt. 5c

Evening Star—New—Flowers golden yellow, and from 3 to 4 inches in diameter, it is of the easiest culture, and a cut flower of the first rank; height 18 inchesPkt. 10c

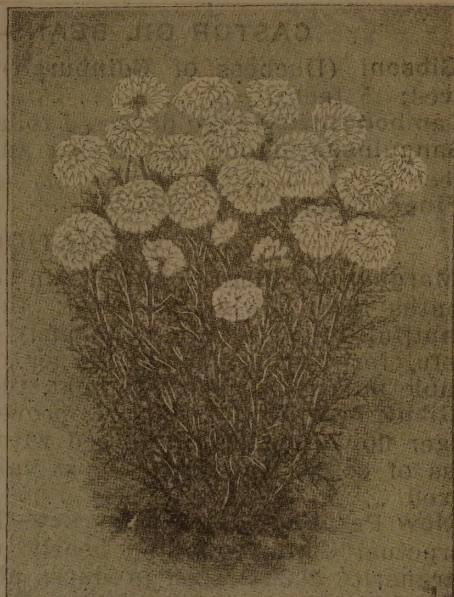
White Star—New—A charming new variety, with large white flowers with dark centre, similar in habit and growth to preceding; a fine cut flowerPkt. 10c

Double annual varieties, white and yellowPkt. 5c

Double Hybrids—Flowers are large and double, the colors being beautiful and diversified, the petals exquisitely fringed and pencilledPkt. 10c

CHRYSANTHEMUM INODORUM—Bridal Robe

Of compact and upright habit, and not exceeding 10 inches in height. The sturdy plants throw out their fine feathered foliage and deck themselves with a mantle of extra double pure white flowers, resembling large double Daisies. Pkt. 10c.



Chrysanthemum, Bridal Robe.

PERENNIAL VARIETIES.

Shasta Daisy—The best of the large, flowering Daisies Pkt. 10c.

Maximum—Princess Henry—Forms a bushy, compact plant, 18 inches high, producing in great abundance large, pure white flowers 3 to 4 inches across. It flowers the first season from spring-sown seed; perfectly hardyPkt. 10c.

Frutescens (Marguerites or Paris Daisies)—Largely grown for cut flowers, elegant pot plants for winter bloom. Pkt. 10c.

Japonicum (Japanese varieties)—These are the double sorts, which attract so much attention at the autumn shows, and are so popular for greenhouse decoration and cut flowers. Finest mixedPkt. 25c

CINERARIA.

A well-known greenhouse favorite; owing to the richness



Shasta Daisy.

and diversity of its colors it is one of the most valuable of our early spring flowers; succeeds best in light, rich free and open soil. Greenhouse perennial.

Bruce's Prize—The flowers possess extraordinary substance, and are of immense size under good cultivation. For exhibition purposes it is unsurpassed.Pkt. 25c

James' Giant—Plants of this superb English strain are remarkable for their dwarf growth, the immense size of their blooms and well defined brilliant and delicate colorsPkt. 50c.



Bruce's Prize Cineraria.

CINERARIA MARITIMA.

(Dusty Miller). White foliage, very ornamental. Half-hardy perennial.

Maritima Candidissima—An extra fine variety. Pkt. 5c

COCKSCOMB.

Celosia—Highly ornamental curious looking flowers for the greenhouse and garden. The following sorts have been saved from combs remarkable for their size, symmetry and color. Half-hardy annual.

Glasgow Prize—An extra fine dwarf variety, with immense crimson combsPkt. 20c

Dwarf Mixed—SplendidPkt. 10c

Thompson's Magnifica Improved Feathered—Pyramidal in growth, attaining a height of about 2 feet. Each stem is crowned with magnificent feathery plumes of the richest colors, ranging from the clearest yellow to the darkest blood-red; splendid plants for either pot or out-door planting. 1/4 oz. 50c, pkt. 5c



Cockscomb.

COSMOS.

Mammoth Perfection—This new selection will be found a decided improvement on the old variety, the flowers being so much larger, usually 4 to 5 inches across. It is a strong and vigorous grower, and produces its beautiful single Dahlia-like flowers with the greatest freedom. Seed should be sown early, and the plants, which grow 4 to 5 feet high, set out 2 to 3 feet apart. Half-hardy annual. Mammoth Mixed.oz. 40c, pkt. 5c

New Striped—The charming pink flowers have large white centres, and the petals are deeply striped with white.Pkt. 10c

Lady Lenox—New—Flowers of extraordinary size and beauty, color being charming shade of light pink. Pkt. 10c.

New Early Flowering—This variety comes into bloom in July, and continues to flower until cut down by frost. The flowers are white, pink and crimson, all colors mixed. 4½ feet high.Pkt. 10c

CONVOLVULUS—See Morning Glory, page 60.

COLEUS.

Handsome foliage plants, remarkable for their great variety and brilliancy of colors; indispensable for bedding; easily grown from seed. Choice mixed; 2 ft. Pkt. 25c.



Cobaea Scandens.

will grow 30 feet in one season, has dense graceful foliage, which is quickly dotted with pretty white fragrant flowers. The seed should be soaked in water for at least 24 hours before planting. Once planted this vine seeds itself and comes up every year. Oz. 25c, pkt. 5c

COBAEA.

Scandens—A beautiful climber, with large, bell-shaped flowers and elegant leaves and tendrils. It is of very rapid growth, and consequently eminently adapted during the summer for warm situations out of doors; in sowing place the seeds edgeways and cover slightly. Half-hardy annual.

Purple ¼ oz. 30c, pkt. 10c. White.Pkt. 10c

CYCLAMEN.

A genus of the most beautiful and elegant winter and spring blooming plants for pot culture; if sown early in spring under glass and well grown, will make flowering bulbs in one year. The seed we offer is from the finest strains.

Giganteum—This section is remarkable for the immense size and magnificent colorings of the flowers.

Giant White—Pure white.Pkt. 25c

Giant Crimson—De p crimson.Pkt. 25c

Giant RosePkt. 25c

Giant Salmon—A charming new color.Pkt. 25c

Giant MixedPkt. 25c

Cyclamen Persicum (Persian Violet)—Finest mixed.Pkt. 15c

New Butterfly (Persicum Papillo)—The flowers of this magnificent new strain are of the largest size. The edges of the broad petals are frilled, fringed and curled, and the colors range from purest white through delicate pink to rose and crimson.Pkt. 25c

Delphinium—See Larkspur, page 58.



Cosmos.

Choice mixed; 2 ft. Pkt. 25c.

CYPERUS ALTERNIFOLIUS.

Umbrella Plant—Handsome, half-hardy perennial; the long, slender stems being surmounted by plumes of narrow, green, shining leaves; succeeds best in moist situations; valuable for aquariums; easily raised from seed. Pkt. 10c.

CYPERUS VINE.

Ipomea Quamoclit—A most beautiful climbing plant, with very delicate, fern-like foliage. Half-hardy annual; 10 feet. Scarlet.Pkt. 5c. Finest Mixed Oz. 50c, Pkt. 5c

CORDYLINE (Dracaena).

Beautiful decorative foliage plants.

Indivisa Lineata—Very graceful, narrow foliage. Pkt. 10c.

CORN FLOWER—See Centaurea, page 51.

COWSLIP.

An early spring blooming border plant. Treatment about the same as for Pansies. Perennial.Pkt. 5c.

CUCUMBER, ORNAMENTAL.

An interesting tribe of plants, remarkable for their luxuriance and rapidity of growth, which, if the soil is rich, is marvellous. Annual.

Wild Cucumber — (Echinocystis Lobata) — This is the quickest climber known. It



Giant Flowered Cyclamen.

Dracaena—See Cordyline, page 53.



Double Dahlia.



Double Daisy



DAHLIA.

The Dahlia is one of the most popular autumn flowering plants. Although perennials, these flower the same season from seed if sown in the house in February or March; the single sorts will bloom from seed sown in the open ground as late as June. The roots should be placed in dry sand and kept in cellar where there is no frost during winter.

Double Large Flowered—Choice mixedPkt. 10c
 Double Pompon or Bouquet Varieties—Finest mixedPkt. 10c
 Cactus-Flowered Double—Finest mixed hybridsPkt. 10c
 Single—Finest mixed; very showyPkt. 5c
 Dormant Tubers—Finest named varietieseach 20c, doz. \$2.00 here
 Dormant Tubers—Mixed varietieseach 10c, doz. \$1.00 here

DOLICHOS.

Hyacinth Bean—A beautiful class of quick-growing, ornamental climbers, bearing clusters of white and purple bean-shaped blossoms. Seed pods are quite ornamental. Annual; 12 feet; mixedoz. 20c, pkt. 5c

Purple Soudan—A highly decorative climber. The stems are of intense purple color, and the beautiful long flowers that are produced during the whole summer are of a brilliant rose, contrasting strikingly with the dark foliage. The seed pods are themselves an ornament to the plant, owing to their dark red color. For covering walls, trellises, etc., they are invaluable. Oz. 30c, pkt. 5c

DATURA.

Trumpet Flower—A tribe of highly ornamental plants with large trumpet shaped flowers; 3 ft. Annual.

Double Varieties—Finest mixedPkt. 5c

DICTAMNUS (Gas Plant)

Favorite old-fashioned border plants, cultivated for their showy flowers and fragrant foliage. Hardy perennial; 2 ft.

Fraxinella—Rose purplePkt. 5c

DOUBLE DAISY.

Bellis Perennis—A well known and favorite plant for the border or pot culture. Half-hardy perennial.

Snowball—Extra large, very double; pure white flowersPkt. 10c

Longfellow—Double dark rosePkt. 10c

Choicest MixedPkt. 10c

Giant Double White—The flowers of this new strain are enormous, of the purest white, and very double, borne on long, stiff stems. This is the best double white Daisy yet introducedPkt. 15c

Giant Double RosePkt. 15c

Giant Double Mixed—Mammoth double flowers, ranging in colors from pure white to pink and deep red; highly recommendedPkt. 15c

DIANTHUS—PINKS

These handsome single and double Pinks are deservedly popular. The flowers, which are large, embrace all colors, from white to deep crimson, while most of them are beautifully variegated. The plants bloom the entire summer and fall, and also the second season if slightly protected during the winter.

Single Mixed—Bruce's Selected—A splendid mixture of rich and brilliant colors; flowers large and handsome, many are brilliantly fringed. Excellent for cuttingoz. \$1.50, pkt. 5c

Princess Pinks—A charming variety, with medium sized fringed flowers, which are mottled, flaked, spotted and striped in the greatest diversity of colors, no two flowers being alike. Pkt. 10c

DOUBLE ANNUAL VARIETIES.

Imperial—Flowers of blood-red ground color, irregularly striped and splashed with white and pink, a charming varietyPkt. 5c

Mourning—The flowers are large, colors unique, rich purple, maroon, etc., edged with white. Pkt. 5c

Diadem—Many colors, beautifully striped and lacedPkt. 5c

Finest Double Mixed—Consisting of the best double varieties, all colorsoz. \$1.50, pkt. 10c



Double Dianthus (Pinks).

Mixed—China or India Pinkoz. 50c, pkt. 5c

DIANTHUS OR PINKS—Hardy Perennial Sorts

Double Pheasant's Eye—Double, large flowering, sweet scented hardy pink, flowers finely fringed, of various colors, finest mixed Pkt. 10c

"Cyclop" Pinks—New single Pinks of unapproachable beauty, the predominating colors being rose, flesh pink, copper color, salmon, wine red, white, crimson, etc.; clove-like perfume. The blossoms are smooth-edged, round and fully 6 inches in circumference. Mixed colors Pkt. 10c

Paisley or Florists' Pink—Finely fringed double flowers; strong clove fragrance; especially desirable for cut flowers Pkt. 25c

French Perpetual Flowering—A new large flowered strain of semi-double and double flowers of bright colors, with broad petals, deliciously scented Pkt. 15c

EUPHORBIA.

Variegata (Snow on the Mountain)—Attractive, foliage veined and margined with white, hardy annual; 2 feet. Pkt 5c

ESCHSCHOLTZIA.

California Poppies—An exceedingly showy, profuse flowering class of plants, with extremely rich and beautiful colors, very attractive. Hardy annuals.

Californica—Bright yellow, showy; 1 foot. Pkt. 5c

Rose Cardinal—Beautiful carmine rose Pkt. 5c

Mandarin—Bright orange, shaded crimson. Pkt. 7c

Golden West—Flowers large, bright yellow, with large rayed blotch of deep orange at base of petals. Pkt. 5c

New Crimson (Burbank's)—Flowers of a clear rosy crimson; very pretty Pkt. 10c

Fine Mixed—All colors oz. 30c, pkt. 5c

Double Varieties—White and yellow mixed Pkt. 5c

EVERLASTING PEA.

Lathyrus—Showy, free flowering plants, very ornamental on trellis work, old stumps, or for covering fences or walls; height 5 feet. Hardy perennial.

Scarlet and White and Pink. Each pkt. 5c

Fine Mixed oz. 50c, pkt. 5c

FEVERFEW—See Matricaria, page 59.

FREEZIA.

The flowers are pure white, blotched with yellow on the lower petals, and have a delicate musk perfume. The seeds produce a bulb, which plant in October in light soil; give plenty of light and sun. When done flowering, put away the bulb in a dry place until next planting Pkt. 5c

FUCHSIA.

Well known greenhouse plants. The seed we offer has been selected and saved from the finest named varieties. Greenhouse shrubs.

Double and Single—Splendid mixed Pkt. 25c

FERNS.

These graceful foliage plants thrive best when planted in a peaty, sandy soil, in moist shady positions. The seed, which is a little slow to germinate, should be sown on the surface in seed pans or pots, kept moist, and in a temperature of 60 degrees.

Greenhouse Varieties—Choice selection. Pkt. 25c

Hardy Varieties—Choice selection. Pkt. 15c

FORGET-ME-NOT.

Myosotis—The Forget-Me-Nots, most of which will bloom the first year from seeds, if sown early; succeed best in a shady, moist situation; perennials, and hardy if given some protection through winter.

Victoria—Of dwarf, compact habit, azure-blue flowers, with yellow centre; height 6 inches Pkt. 10c

Dissitiflora—Perfection. A new large flowered variety, with exquisite deep blue flowers, of compact habit and profuse bloomer; 6 to 9 inches. Pkt. 10c

Palustris Semperflorens—Large bright blue flowers, with yellow eye; blooms early spring to autumn; 9 inches Pkt. 10c

Robusta Grandiflora—Large flowering and robust growing variety, grown extensively for cut flowers; 1 foot Pkt. 5c

Finest Mixed Varieties ¼ oz. 40c, pkt. 5c

For our special 25 cent Floral Collections see page 40.



Eschscholtzia.



Forget-Me-Not.



Foxglove.—Page 56.



Ornamental Gourd.

FOXGLOVE.

Digitalis—Handsome and ornamental plants of stately growth and varied colors; 3 feet. Hardy perennial.

Fine Mixed—Gloxinia shaped flowers; all colors. $\frac{1}{4}$ oz. 25c, pkt. 5c

Monstrosa (Mammoth Foxglove)—Long spikes, surmounted by one enormous flower; very odd; all colors mixed Pkt. 10c.

GLOXINIA.

A superb genus of summer blooming plants of great beauty and diversity of color. Sow the seed under glass in early spring and place in a warm, moist and shaded situation; transplant seedlings as soon as fit. Gloxinias thrive best in a sandy peat or loam. When in flower keep partially shaded from the bright sunshine. The bulbs should be kept dry and from frost during winter. Greenhouse plant, splendid mixed varieties, all colors Pkt. 25c.

GERANIUM.

These well known garden favorites are indispensable for indoor as well as outdoor decoration, and should be extensively cultivated. Half-hardy perennial.

Finest Mixed—Suitable for bedding. Pkt. 10c

Double Zonale—Splendid mixed Pkt. 25c

Fancy Varieties—Pelargonium—Finest mix. Pkt. 25c

GOURDS.

Ornamental Gourds—The tribe of Cucurbita, or Gourds, is well known as producing some of the most curiously shaped of all fruits, and are very desirable for covering the trellis work of arbors, etc. Half-hardy annual.

Egg-Shaped—White nest egg. Pkt. 5c

Dish Cloth—A very popular variety Pkt. 5c

Mock Orange Pkt. 5c

Mixed, Many sorts oz. 25c, pkt. 5c

GODETIA.

Handsome summer flowering plants, of compact growth, bearing freely large flowers of exquisite colors and shades. Hardy annual.

Fine Mixed oz. 60c, pkt. 5c

GREVILLEA.

Robusta—(Silk Oak)—A very graceful fern-like foliage plant for pots or tropical lawn effects; tender perennial; 3 to 5 feet. Pkt. 10c

GAILLARDIA.

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers; very effective and showy. Half-hardy annual.

Single Mixed—Flowers yellow and scarlet; very showy, in finest mixture oz. 30c, pkt. 5c



Gypsophila Paniculata.



Gaillardia Grandiflora.

Lorenziana—Double mixed, large heads of bright yellow and red flowers, very double, with quilled petals, fine for bouquets Pkt. 5c

Grandiflora—Hardy perennial—The flowers are large, from $2\frac{1}{2}$ to 3 inches in diameter, produced on long stems; they are excellent for cutting, and of the most gorgeous coloring Pkt. 5c

Gaillardia Grandiflora Semi-plena—This novelty produces semi-double flowers 4 inches across; colors light yellow, deep golden, and sometimes tinged with red. The velvety maroon disk forms a brilliant contrast. Hardy perennial Pkt. 10c

GYPSOPHILA.

Paniculata—A handsome hardy perennial, with graceful, branched panicles of small white flowers, which are highly prized for bouquets. Height 2 feet Pkt. 5c

Elegans Alba Grandiflora—This is an improved, large flowering pure white form of the annual Baby's Breath, of free, easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made during the season to keep up a supply. Annual oz. 30c, pkt. 5c



Heuchera.

HEUCHERA.

Without doubt one of the finest perennials. The plants, as will be seen from our illustration, are of fine compact habit, with elegant deep green foliage. The flowers are borne on elegant spikes, and can be used with fine effect in cut flower decorations. It is easily raised from seed, perfectly hardy, and should be in every garden; 18 inches
Sanguinea—Rich, bright crimson . . . Pkt. 10c

HUMULUS JAPONICUS.

Climbing Hop—A plant of very rapid growth, beautiful when planted isolated and properly supported, also valuable for trellises, etc. Annual. Oz. 50c, pkt. 5c.

Variegatis—The foliage of this variety is distinctly marked with silvery-white, yellowish-white, light and dark green . . . Pkt. 5c.

IMPATIENS (ZANZIBAR BALSAM).

Sultani Hybrida—A charming pot plant, blooming profusely and almost continuously. The flowers range in color from pale rose to crimson. Height 2 feet. Pkt. 25c

HELIOTROPE.

A well known genus, of profuse flowering and deliciously fragrant plants. Half-hardy perennial. Fine Mixed Varieties. Pkt. 10c

ICE PLANT.

A dwarf trailing plant, much used for garnishing. The leaves and stems are covered with crystalline globules, giving it the appearance of being coated with ice. Half-hardy annual . . Pkt. 5c

INCARVILLEA DELEVAYI.

The flowers, which resemble a Gloxinia in shape, are produced on stout stalks, about 2 feet high, and are of a rosy-carmine color, spotted with yellow; the throat is brown. It is of easy culture, and will bloom during the first year if the seed be sown in a cold frame very early in the spring. Should be well protected with leaves during the winter, or the roots lifted and stored in dry sand in a cellar Pkt. 15c

HIBISCUS.

A very ornamental and showy plant, well adapted for mixed or shrubby borders. Tender annual.

Africanus—Color cream, brown centre; 1½ feet Pkt. 5c

HONESTY.

Lunaria Biennis—A handsome hardy biennial, with purple or white flowers, followed by numerous silvery seed pods, much prized for winter decoration; 2 feet Pkt. 5c

HONEYSUCKLE.

Hedysarum—Very hardy plants, producing racemes of attractive pea-formed flowers, in two colors, scarlet and white. Perennial . . . Pkt. 5c

HUNNEMANIA.

The so-called Bush Eschscholtzia. The plants grow into a shrubby bush, 2 feet high, and produce, large, cup-shaped flowers 3 inches across on long stems. The color is a clear, bright yellow, the petals are broad and crinkled like crushed satin, and as cut flowers remain in perfection for a long period. Pkt. 5c



Double Hollyhock.

HOLLYHOCKS

A splendid plant for autumn decorations, and from its stately growth and varied colors of the magnificent spikes of flowers, may justly demand a place in every large garden or pleasure grounds. Hardy perennial.

White, Cream, Yellow, Rose, Crimson, Violet.

Each of the above, pkt. 10c.

Splendid Double Mixed . . . ¼ oz. 60c, pkt. 10c

Fine Double Mixed . . . ¼ oz. 30c, pkt. 5c

Chater's collection of 12 double varieties \$1.00

Chater's collection of 6 double varieties .60c

Allegheny—The flowers are of mammoth size, gracefully formed of loosely arranged fringed petals, which look as though made from the finest China silk. The colors range from the most delicate shell pink to dark red. Mixed colors. Pkt. 10c

Annual Varieties.

Seed sown under glass early in spring produces plants that bloom the same summer. Plants are more vigorous at all stages than the usual type. The flowers are of good size, double, semi-double and single, and colors cover the whole range; mixed colors Pkt. 10c

JACOBEA.

Senecio—Free flowering plants, producing their gay colored flowers in great profusion; very effective for beds. Hardy annual. Fine mixed, all colors Pkt. 5c

KENILWORTH IVY.

Linaria Cymbalaria—Splendid plant for hanging baskets, rustic work, etc. Hardy perennial. Pkt 10c

**KOCHIA OR SUMMER CYPRESS.**

The plants grow freely from seed sown in the open ground, and from the earliest stage of growth in the spring until they reach maturity the plants are always of globe-like form. Early in the fall the ends of the shoots are thickly set with small, bright scarlet flowers—the bushy plants resembling balls of fire. The plants are equally showy, planted singly to show the round ball-like form on all sides, or grown in continuous rows or hedges. Annual oz. 40c, pkt. 5c



Lantana.

LANTANA

A very desirable class of plants for indoor pot culture and summer bedding, constantly in bloom; verbenalike heads of orange, white and rose. Half-hardy perennial. The seeds should be sown in hot-bed, or in boxes of light soil in warm, sunny window in March or April. Finest mixed . . Pkt. 5c

LAVATERA—Tree Mallow.

A very beautiful showy annual, about 2 feet high, covered during the entire summer with large cup-shaped flowers. Sow in May where they are to flower, and thin out to 12 inches apart.

Trimestris—Mixed pink and white . . . Pkt. 5c

LINUM.

Flowering Flax—One of the brightest colored of summer annuals; flowers glowing crimson-rose; 1 foot Pkt. 5c

Perenne—A bright blue, hardy perennial variety; 1 foot Pkt. 5c

LOPHOSPERMUM SCANDENS.

A very beautiful and ornamental climber, with handsome showy, Foxglove-like flowers; very effective for conservatory or garden decorations; rose-purple flowers; 10 feet. Half-hardy perennial Pkt. 10c

LYCHNIS.

Very free flowering herbaceous plant. Hardy perennial.

Chalcedonica—Bright scarlet; 2 feet . . Pkt. 5c

Haageana—Hybrid mixed; 1 foot . . . Pkt. 5c

LARKSPUR—DELPHINIUM. Annual Varieties.

Very ornamental plant, possessing almost every requisite for the adornment of the garden. Profuse bloomers and great variety of brilliant colors.

Dwarf Rocket—Hyacinth flowered, finest mixed, 1 foot oz. 25c, pkt. 5c

Giant—Hyacinth flowered, finest mixed, 2 feet oz. 25c, pkt. 5c

Tall Branching—Stock flowered, finest mixed, 1 foot oz. 25c, pkt. 5c

Emperor—Very double, extra fine, oz. 25c, pkt 5c

Perennial Varieties.

Perpetual Larkspur—One of the best hardy herbaceous plants, flowering in great profusion throughout the summer; flowers in large spikes of endless shades of colors, from pearl white to the richest and deepest blue.

Belladonna—New ever blooming hardy Larkspur. See description page 42.

Formosum—Deep Gentian blue, with white eye, 3 feet. Pkt. 10c.

Formosum Coelstinum—(Pillar of Beauty)—Large light blue flowers, fine contrast to preceding. Pkt. 10c.

Perennial Larkspur.

Nudicaule—Scarlet, dwarf habit; 1 ft. . Pkt. 10c

Zalil—Sulphur yellow plant of branching habit, really handsome; it requires a shady situation; 3 feet Pkt. 20c

English Hybrids—This is an extra fine strain of large-flowered hybrids. The plants are of strong, vigorous habit, with immense spikes of flowers, in all shades of blue Pkt. 15c

Finest single mixed hybrids Pkt. 5c

Finest double mixed hybrids Pkt. 10c

LOBELIA.

A very valuable and beautiful class of mostly dwarf growing plants, their delicate drooping habit and the profusion of their charming little blue and white flowers render them exceedingly ornamental for rustic or hanging baskets, while for border cultivation they are equally effective. Half-hardy annual.

Compacta Crystal Palace—Dark blue, excellent for edging Pkt. 10c

Erinus Alba Compacta—Pure white . . . Pkt. 10c

Speciosa—Blue, fine for bedding; ½ foot. Pkt. 5c

Gracilis—Pale blue, fine for vases . . . Pkt. 5c

Prima Donna—Rich crimson, dwarf compact. handsome Pkt. 10c

Cardinalis Queen Victoria—Very dark leaves and beautiful flowers of brilliant scarlet, quite constant, splendid acquisition. Perennial . Pkt. 20c

LUPINS.

Free flowering, easily grown annuals, with long graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders and beds; 2 feet.

Annual varieties, mixed oz. 20c, pkt. 5c

Perennial Varieties.

Arboreus, Snow Queen—This hardy variety forms dense bushes about 4 feet high, clothed to the ground with elegant racemes of snowy white flowers Pkt. 10c

Polyphyllus Roseus—Beautiful rosy-pink. Pkt. 10c

Perennial varieties, mixed; 3 feet . . . Pkt. 5c





Double African Marigold.

MARIGOLD

A tribe of well known free flowering plants, with handsome double flowers of rich and beautiful colors; very effective in beds, borders, etc. Half-hardy annual.

DOUBLE FRENCH MARIGOLD.

Collection of six finest varieties40c
Dwarf—Gold striped, very handsome . . .Pkt. 5c
Dwarf—Finest mixed; $\frac{1}{2}$ foot. . .oz. 40c, pkt. 5c
Tall—Choice mixed; 2 feetoz. 40c, pkt. 5c

DOUBLE AFRICAN MARIGOLD.

Collection of six finest double varieties.50c
Orange and Lemon—Quilled varieties, each Pkt. 5c
Tall Double—Finest mixedoz. 40c, pkt. 5c

SINGLE FRENCH MARIGOLD.

Gold Ring—This really charming variety is of dark brown velvety color, gracefully surmounted with a distinct gold ring; 9 inchesPkt. 5c

Legion of Honor—Flowers bright yellow, distinctly blotched rich brown. The plants are dwarf and compact, and remain in bloom a long time; height 9 inchesPkt. 5c

Pot or Garden Marigold—See Calendula, page 49.

MATRICARIA.

Double Feverfew—Pure white double flowers; a desirable bedding plant, and largely used for cemetery decoration. Hardy annual . . .Pkt. 5c

MAURANDIA.

Beautiful climbers for greenhouse or outdoor cultivation.

Barclayana—Deep violet, pretty, annual. Pkt 10c



Double French Marigold.

MATHIOLA.

Bicornis—(Night Scented Stock)—For the exquisite perfume profusely exhaled in the evening, this hardy annual should be grown in every garden. Flowers lilac. Height 1 footPkt. 5c

MUSA ENSETE.

Abyssinia Banana Tree—Magnificent for sub-tropical massing, or as single specimens they are very effective. Seed sown early will produce immense plants the first season. Tender PerennialPkt. 15c

MIGNONETTE

Within recent years Mignonette has been greatly improved in size, and several distinct tints have been selected. These have been saved with such care that an agreeable variety of this fine old favorite is now available for the garden or pot culture. The following are hardy annuals:

White Pearl—New—White flowered, of the popular Machet type, of stocky and robust growth, producing in abundance broad, conical heads of deliciously fragrant white flowers . . .Pkt. 10c

Machet—A dwarf and compact growing variety, with large flowers of a deep reddish crimson; the most popular variety for pot culture . . .Pkt. 10c

Golden Queen—Large flowered, a handsome dwarf variety; flowers golden yellow; a free bloomerPkt. 10c

Crimson Queen—Robust in habit, with very large spikes of handsome red flowers . . Pkt. 10c

Sweet Scented—The old and popular variety, with small spikes, but very sweetly scented, should be in every garden . . .oz. 20c, pkt. 5c



Machet Mignonette.

Myles Hybrid Spiral—Habit dwarf and branching, flowers large. The odor of this variety is superior to any otheroz. 50c, pkt. 5c

Parson's White Flowering—The flowers are almost pure white, of the most exquisite fragranceoz. 40c, pkt. 5c

Defiance—Spikes of remarkable size and deliciously fragrant; the individual florets are very large, standing out boldly; its keeping qualities are extraordinaryPkt. 10c

New Bismarck—A grand addition to our Mignonettes, forming dense bushes, covered with handsome thick flower heads of remarkable size, rich in color and deliciously scented; it is indispensable to the florist for cut flowers, and the best for pot culturePkt. 10c

MALOPE.

A handsome plant of branching habit, with large showy flowers. Hardy annual . . .Pkt. 5c

MARTYNIA.

Very handsome, free flowering plants, with large flowers of great beauty. The young fruit or seed pods are highly esteemed for pickling. Half-hardy annual; 2 feetPkt. 5c



Japanese Morning Glory.

MIMULUS.

Extremely handsome flowers of brilliant colors. Seeds sown in spring make fine bedding plants for summer blooming, while seeds sown in autumn produce very effective early flowering greenhouse plants. Half-hardy annual.

Moschatus—Musk plant; $\frac{1}{2}$ footPkt. 10c

Tigrinus—Tigered and spotted varietiesPkt. 10c

MARVEL OF PERU.

Mirabilis Jalapa—The flowers are varied and of beautiful colors, and are produced in great abundance. The roots may be preserved throughout the winter like Dahlias. Half-hardy annual. Finest mixed; 2 feetoz. 20c, pkt. 5c

MOON FLOWER.

Ipomea Grandiflora Alba—One of the finest of all annual climbers. It bears lovely white flowers 5 to 6 inches in diameter, with a five pointed star in the centre; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Start the seed in the house and set out as early as safe in the spring . .Pkt. 5c

Rubra Coerulea (Sky Blue)—Immense flowers of light sky blue; very beautifulPkt. 10c



Marvel of Peru.

NASTURTIIUMS

Nasturtiums are probably the most popular flowers grown from seed.

Dwarf or Tom Thumb Varieties

A charming class; unrivalled in beauty and effect; blooming from June until late in the fall; they require little care, and will flower profusely on the poorest soil. Hardy annual.

Aurora—Primrose, veined pink . . .Pkt. 5c

Queen of Tom Thumbs, Mixed—New—The plants are similar to the original Queen of Tom Thumbs, all the leaves being marbled or variegated, in contrasting white and green, while the flowers vary in color from crimson, scarlet and deep orange to light primrose . . .Pkt. 10c

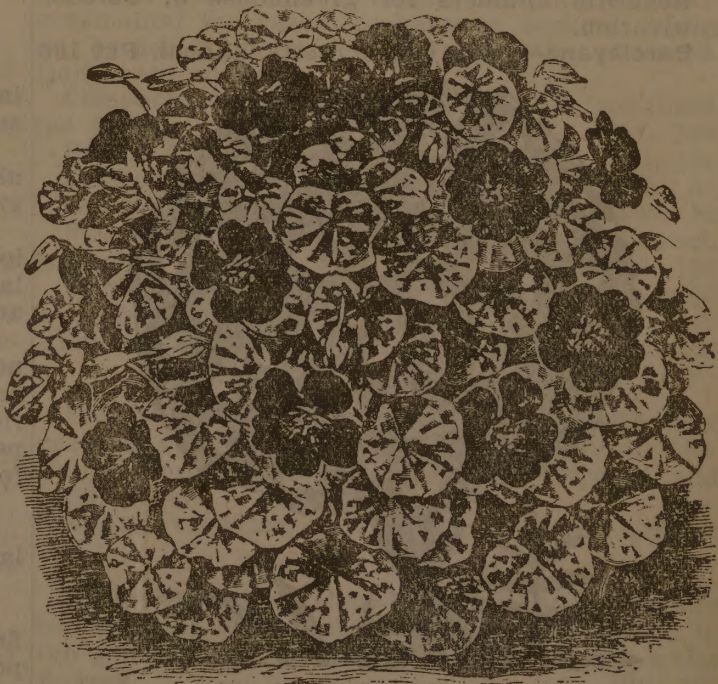
Chameleon—Variously colored flowers on the same plantPkt. 5c

Empress of India—The flowers are of a brilliant crimsonPkt. 5c

Golden King—Golden yellow, dark foliagePkt. 5c

King of Tom Thumbs—Foliage is a beautiful blue green, with intense scarlet flowers. Pkt. 5c

King Theodore—Blue green foliage, flowers dark maroonPkt. 5c



Queen of Tom Thumb Nasturtiums

MORNING GLORIES

Old and well known favorites. The beauty and delicacy of their colors are unsurpassed; and they grow freely in almost any situation. Hardy annual.

Morning Glory—(*Convolvulus Major*)—This popular climber is too well-known to need a description, 10 ft., all colors, mixed. Oz 15c, pkt 5c

Dwarf Morning Glory—(*Convolvulus Minor*) The flowers are of the same size and shape as the tall or climbing Morning Glory. The colors are most varied and pleasing; 1 ft. Oz 15c pkt 5c

Setosa—(*Brazilian Morning Glory*)—Flowers 3 inches or more across, of a beautiful rose color, borne very freely in large clusters from July till frost. As a quick growing vine it has no equal, covering an enormous space in a short timePkt. 5c

Mauritanicus—Charming for baskets, rock, work, etc.; flowers lavender. Perennial. Pkt 5c

IMPERIAL JAPANESE MORNING GLORY.

The handsomest of a handsome family, of the easiest culture, and of strong and rapid growth; the foliage is of varied forms and the markings fantastic. The flowers are very large, of good substance, remaining open most of the day, and the colorings are beyond descriptionoz. 30c, pkt. 5c

DWARF NASTURTIUMS—Continued.

Lady Bird—Rich golden yellow, barred with ruby crimsonPkt. 5c
 Pearl—Cream whitePkt. 5c
 Prince Henry—Light yellow, spotted and marbled with scarletPkt. 5c
 Vesuvius—Salmon rose, dark leaved.Pkt. 5c
 Yellow—Ochre yellowPkt. 5c
 Ruby King—Ruby red, dark leaved, fine. .Pkt. 5c
 The above named varieties priced at 5c pkt. are offered at 25c oz., ¼ lb. 60c each.

Tom Thumb—Fine mixed, all colors, ¼ lb. 40c, oz. 15c, pkt. 5c.

New Liliput Nasturtiums

The plants of this new variety are in every respect smaller than the Tom Thumb, and the dainty little flowers, which appear in the most various and showy colors, are produced in the greatest profusionoz. 25c, pkt. 5c

Bruce's Peerless Collection of Dwarf Nasturtiums

Seven superb varieties mailed for 25 cents.
 See Collections, page 40.

Tall or Climbing Varieties

Climbing Nasturtiums are admirably adapted for covering trellises, fences, tree trunks and the like. The flowers cut, are very useful and handsome for house decoration. The seed, if picked young, is an excellent substitute for capers. Annual.

Stark's New Hybrids (Queen of Talls)—The foliage is beautifully marked white, gold and green. The flowers are of many bright colors in charming contrast to the variegated foliage Pkt. 10c
 Asa Gray—Creamy-white, extra fine . . .Pkt. 5c
 Black Prince—Rich, blackish purple . . .Pkt. 5c
 Crimson—Rich dark colorPkt. 5c
 Tall Chameleon—This interesting variety bears large flowers of various colors and variegations on the same plantPkt. 5c
 Edward Otto—Brownish lilacPkt. 5c
 Fashion—Light crimson-rosePkt. 5c
 Firefly—Dark orange, spotted and flamed blood red, the spur is also blood red; foliage and stems darkPkt. 5c
 Lucifer—Bright, glowing scarlet, extra. .Pkt. 5c
 King Theodore—Black brownPkt. 5c
 Marguerite—Flowers large, pale yellow, spotted and flamed blood red, spur blood red; foliage and stems dark; very effectivePkt. 5c
 Moonlight—This is a counterpart of Sunlight, except in color, which is an exquisite pale strawPkt. 5c
 Oriental—Orange, brightly marked with pink and scarlet; very handsomePkt. 5c
 Primrose—Creamy white, with brown spots, large flowered. A charming variety . . .Pkt. 5c
 Scarlet—Very attractive.Pkt. 5c
 Rudolph Virchow—Fine carmine-rose . .Pkt. 5c
 Spitfire—Bright scarletPkt. 5c
 Sunlight (Jupiter)—Rich golden yellow. .Pkt. 5c
 Vesuvius—Dark leaved; flowers salmon rose, a charming colorPkt. 5c
 Von Moltke—Ruby rose.Pkt. 5c
 YellowPkt. 5c
 Any of above priced at 5c pkt. or 20c per oz.
 Fine Mixed—All colors, ¼ lb. 30c, oz. 10c, pkt. 5c
 Tall Ivy Leaved—The leaves are of a dark metallic hue, resembling the Ivy, and are in striking contrast with the crimson scarlet flowersPkt. 10c

Madame Gunter—Hybrids—This selection is distinguished by its dark foliage and richness of color. There are shades of rose, salmon, bright red, pale yellow, etc., either self-color, spotted or striped. Its free and continued flowering makes it a useful and popular climber. All colors, mixedoz. 20c, pkt. 5c



TALL NASTURTIUMS—Continued.

Lobbianum—The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtiums; the flowers, however, are produced in great profusion and intense brilliancy of colors. Mixed colorsoz. 20c, pkt. 5c

Bruce's Peerless Collection of Tall or Climbing Nasturtiums

Seven finest varieties mailed for 25 cents.
 See Collections, page 40.



Nicotiana Affinis.

NICOTIANA.

Ornamental Tobacco—Half-hardy annual.

Affinis—Sweet-scented, pure white, star-shaped flowers, three inches across, blooming continually in the greenhouse in winter or when bedded out in summer¼ oz. 25c, pkt. 5c

Affinis Hybrids—Easily grown from seed; they thrive in any soil or situation. The plants grow from 2 to 3 feet in height, branch freely, and bear a profusion of flowers in various shades of purple, pink, red, crimson, violet, as well as pure whitePkt. 10c

NOLANA.

Very pretty trailing plants, with convolvulus-like flowers; excellent for rustic work or hanging baskets. Hardy annual.

Fine Mixedoz. 30c, pkt. 5c

**NIGELLA.**

(Love in a Mist.) A very interesting class of plants, with curious looking flowers and seed pods. Hardy annual

Double Mixed—Flowers blue and white; $\frac{1}{2}$ footPkt. 5c

Miss Jekyll—See page 43.

NEMOPHILA.

Dwarf growing hardy annuals; all varieties have a neat, compact and uniform growth, comprising varied and beautiful colors.

Insignis—Deep blue; $\frac{3}{4}$ footPkt. 5c

Choice Mixed—Many sortsPkt. 5c

OENOTHERA.

Evening Primrose—A free flowering and useful class of plants for beds and borders.

Acaulis—Handsome, large, white flowered varieties. Hardy annual; $\frac{3}{4}$ footPkt. 5c

Macrocarpa—Very large golden yellow flowers. Hardy perennialPkt. 5c



Bruce's Premium Pansy.

PERILLA.

Nankinensis—Ornamental foliage plant of compact habit; leaves dark mulberry, a most useful bedding plant; $1\frac{1}{2}$ feet. Annual, oz. 30c, pkt. 5c

PASSION FLOWER.

Elegant climber for either out-door or greenhouse cultivation, bearing a profusion of exquisitely beautiful flowers. Perennials. Height 10 to 20 feet.

Coerulea—Sky bluePkt. 10c

PENTSTEMONS.

The Pentstemons are amongst the best perennials. The flowers are large and beautifully marked, tubular in shape, and produced in handsome spikes.

Choice MixedPkt. 10c.

OXALIS.

Beautiful small plants, suitable for the greenhouse, rock work, baskets, or out-door culture, flowering the first year if sown early; blooms in clusters; 9 inches. Half-hardy perennial.

Tropaeoloides—Yellow; very pretty.Pkt. 10c

Rosea—Mixed rose and whitePkt. 10c

PANSY

(Heartsease). This lovely flower, a favorite with everyone, is too well-known to need any description. Seed sown in August or September and kept in cold frames through the winter and planted out in the spring will blossom abundantly the whole season; for summer and fall blooming sow from January to June. The Pansy delights in loamy soil, enriched with thoroughly decayed cow manure. The seed we offer has been saved from celebrated collections in Europe, and will not fail to give perfect satisfaction. Hardy perennial.

Bruce's Premium—In our Premium Pansy we offer a strain that ranks second to none for the size of bloom, matchless form and substance; the flowers are beautifully blotched and pencilled with rich and striking colorsPkt. 25c

Orchid Flowered—The flowers of this new race are of a peculiar shape, the upper petals, which stand upright, are laid out in small folds or frills, which with the unique color combinations, give the flowers their resemblance to orchids. The colors range through shades of terra cotta, flesh orange, rose, pink and lilacPkt. 25c

Bugnot's—The flowers of this variety are of immense size, symmetrical in shape, petals thick and beautifully marked. Every lover of Pansies should give it a trialPkt. 25c

Masterpiece—In this new type of Pansies the great advance consists in the very robust and compact habit of growth and in the immense size of the flowers which have the remarkable feature of mostly having the margins of their petals undulated and curled. The flowers of this strain show many new shades of color, while each petal is distinctly marked with a large dark blotchPkt. 25c

Bride's Maid—The flowers of this variety are very large and of fine form. The ground color is rosy white, rivalling in delicacy of beauty with the finest apple blossom and most strikingly setting off the dark blotches in the centrePkt. 25c

Ruby—Embraces the richest shades of red colors, from scarlet, scarlet-orange, wine red to rose; the flowers are of large size and fine formPkt. 25c

Giant Madame Perret—A beautiful new strain of rose and crimson shades; called the Wine PansyPkt. 10c

Paris Market—The flowers of this celebrated French strain are of large size and produce a great diversity of the handsomest and rarest colors; a favorite with those who grow for the marketPkt. 15c

GIANT TRIMARDEAU PANSIES.

Of strong and robust growth, producing flowers of immense size and beautifully marked.

- White—With dark eye Pkt. 10c
- Silver Edged—Dark purple, white edge. Pkt. 10c
- Fire King—Rich scarlet, gold edge . . . Pkt. 10c
- Yellow—With dark eye. Pkt. 10c
- Lord Beaconsfield—Purple-violet Pkt. 10c
- King of Blacks—Intense black. Pkt. 10c
- Finest Mixed . . . 1 oz. \$2.50, ¼ oz. 75c, pkt. 10c

BEDDING PANSIES.

- Snow Queen—White ¼ oz. 50c, pkt. 10c
- Golden Gem—Gold-yellow . . . ¼ oz. 50c, pkt. 10c
- Dark Blue—Emperor William. ¼ oz. 50c, pkt. 10c
- Peacock Blue—White margin. ¼ oz. 60c, pkt. 10c
- Cardinal—Brilliant red. . . ¼ oz. 90c, pkt. 10c

MIXED PANSIES.

- Very Fine Mixed—All colors. . . oz. \$1.50, pkt. 10c
- Fine Mixed—All colors. Oz. \$1.00, ¼ oz. 30c, pkt 5c

COLLECTIONS—IMPORTED GERMAN.

- Twelve choice varieties 75c
- Six choice varieties 50c
- Six choice varieties—giant flowered. . . \$1.00



Masterpiece Pansy.

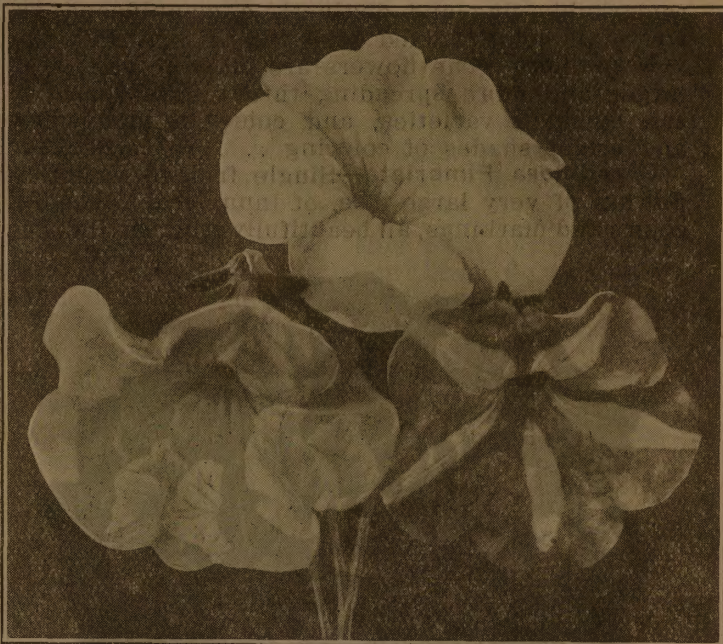
TUFTED PANSIES OR BEDDING VIOLAS.

The plants are hardy and of vigorous compact growth. They are excellent for bedding purposes. In light, rich soil and a moist situation they will continue in bloom from spring till late in the fall. The colors are charming, white, lemon, orange, lavender, purple, etc. The flowers are borne on long stems, many of them being quite fragrant . . . ¼ oz. 85c, pkt 10c

PETUNIA

A very profuse flowering, easily cultivated garden favorite for outdoor cultivation. In summer there is scarcely a class of plants equal to this; it commences to bloom early and continues a mass of bloom the whole season. It is also very effective in pots for greenhouse or parlor decoration. Half-hardy annual.

PETUNIA—Continued.



Single Mixed Petunia.

Single Varieties.

- Fine Mixed—Self colors; in great variety, very free flowering . . . oz. 75c, ¼ oz. 25c, pkt. 5c
- Striped and Blotched—Unsurpassed mixture of splendid colors. oz. \$1.50, pkt. 10c
- Inimitable New Dwarf—Very bushy; 5 to 6 inches high, with regular striped flowers; they bloom uninterruptedly for months, and are exceedingly effective Pkt. 10c
- Snowball—A charming dwarf growing variety, with large white scented flowers Pkt. 10c
- Rosy Morn—One of the most effective and valuable of the small-flowering class. The plants grow thick and spreading like a bush and remain fairly dwarf. The pretty flowers, thickly covering the full grown plant, are brilliant rose color, with large white throat and white centre. Pkt. 10c
- Giants of California—A California strain of incomparable beauty. The flowers are of enormous size (4 to 5 inches across), and are produced in a wonderful variety of colors, markings, etc., including many charming and delicate shades—Pkt. 25c



Petunia, Giants of California.

PETUNIA, Single Varieties—Continued.

Intus Aurea—Large flowered, yellow throated; remarkably fine and distinct; a magnificent variety, all colors mixedPkt. 25c

Grandiflora—The flowers are of large size, with larger and more spreading throat than those of the common varieties, and come in many new and bright shades of coloringPkt. 20c

Grandiflora Fimbriata—Single fringed varieties, flowers of very large size, of innumerable shades, colors and markings, all beautifully fringed. Pkt 20c



Double Petunia.

DOUBLE PETUNIAS

Double Petunia—Splendid mixed. In this mixture will be found the best strain of large flowering, striped, blotched and fringed double Petunias, especially remarkable for the rich color and large size of the flowers, of which about 30 per cent. will be doublePkt. 25c

PHLOX DRUMMONDII

This genus is unrivalled for richness and brilliancy of color, profusion and duration of bloom, which renders them of valuable service in the general flower garden; in fact, a finer sight than a bed of Phlox Drummondii is rarely to be seen. Hardy annual. Height 1½ feet.
Fine Mixed—All colors, oz. 75c, ¼ oz. 25c, pkt. 5c

Large Flowering Phlox.

- Splendens**—CrimsonPkt. 10c
- White**Pkt. 10c
- Coccinea**—Scarlet.Pkt. 10c
- Rose**—White EyePkt. 10c
- Yellow**—Garnet EyePkt. 10c
- Finest Mixed**—All colors . . .oz. \$1.00, pkt. 10c

Star and Fringed Phlox, Mixed — A distinct and pretty strain of Annual Phlox, with star-shaped and fringed flowers in many beautiful shadesPkt. 10c

Large Flowering Dwarf Phlox.

Nana Compacta—The plants grow about 6 inches high, and have a close, compact and robust growth. The flowers are of large size and fine form, white and dark centered, striped and self colors.Pkt. 10c



Phlox Drummondii.
Double Phlox.

A very desirable class. Flowers are double and semi-double; the colors, crimson, scarlet, yellow and pure white, last much longer when cut than the Single Phlox. All colors, mixedPkt. 10c

Hardy Perennial Phlox.

Decussata — This charming hardy Phlox should have a place in every garden. Fine mixed, all colorsPkt. 10c

PINKS—See page 54.

POPPY

A tribe of showy, free flowering plants, with large and brilliant colored flowers; well adapted for large mixed borders and shrubberies.
Single Varieties.



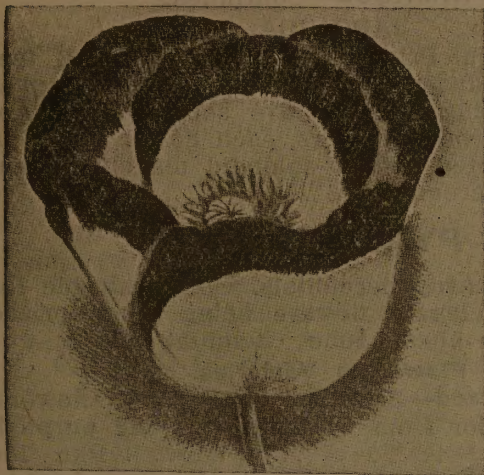
Shirley Poppies.

Hansa Poppy—New—Single fringed. See page 43.

Shirley—A beautiful strain, with single flowers of many colors; for bedding they cannot be excelledoz. 40c, pkt. 5c

The Bride—A magnificent giant white fringed variety; the petals are large and daintily incurvedPkt. 5c

Scarlet Field Poppy—The single Poppy, so much admired by tourists in Europe, where it abounds on the railroad banks and in the fields. Eighteen inches.Pkt. 5c



Admiral Poppy.

Double Varieties.

Carnation Flowered—A magnificent class, with large globular flowers, the feathery petals being beautifully fringed; height 2 feet. Mixed colorsoz. 20c, pkt. 5c

Paeony Flowered—The flowers of this variety are of immense size, very double and broad petalled. Mixed colors.oz. 20c, pkt. 5c

French Ranunculus Flowered—Handsome and free blooming; the flowers are very double and of every imaginable shade of color; height 2 feetoz. 20c, pkt. 5c

Cardinal—The flowers are very large and perfectly double; height 1½ feet; scarlet, very finePkt. 5c

White Swan—Pure white; beautiful. . .Pkt. 5c

Double Mixed Garden Poppies—This choice mixture includes all the above, affording the greatest variety at low price. . .oz. 25c ½ oz. 15c, pkt. 5c

Hardy or Perennial Poppies.

Oriental—Large brilliant dark scarlet flowers, with glittering black blotch at base of each petal, extra finePkt. 10c

Oriental—Colossal—The plant of this new variety is of strong growth, bearing its enormous glowing scarlet upright flowers on stems over 4 feet highPkt. 20c

Giant Oriental Hybrids—Large showy flowers, ranging in color from soft rose to crimson scarletPkt. 10c

Iceland—A beautiful class of dwarf perennial Poppies, which, if sown early, will bloom the same year. They are bright and showy, forming tufts of brilliant blossoms, borne on slender stalks a foot highPkt. 10c



Primula, or Chinese Primrose.

POPPY—Continued—Single Varieties.

Tulip—The plant is from 12 to 14 inches high, and produces flowers of the most vivid scarlet imaginable. The two outer petals of the flower bear a similarity to a saucer, in which are set two erect petals of the same colorPkt. 10c

The Admiral—New—This charming variety is characterized by large, round, smooth-edged flowers of purest white, with a broad band of brilliant scarlet around the top; an extremely telling contrastPkt. 10c

King Edward—New—The plants of this new variety, 2½ feet in height, bring forth in great profusion large flowers of a deep scarlet, shaded crimson red, of gorgeous effect, which is heightened by the large black blotch adorning each petal for half its length from the base. From this sable hue the yellow anthers stand out in appropriate contrast. This handsome Poppy, which comes quite true from seed, is highly ornamental, and most effective groups for border decoration can be made. Pkt. 10c.



Double Portulaca.

PORTULACA

For brilliant, beautiful and gorgeous colors this charming genus stands unrivalled, and whether in baskets, small beds, edgings or rock work, its large, splendid flowers, produced in the greatest profusion, are extremely effective; succeeds in light, gravelly soils and a warm situation. Hardy annual.

Single—Mixed colors; ½ foot .oz. 60c, pkt. 5c

Double—Mixed, extra fine; ½ foot . . .Pkt. 10c

PRIMULA OR CHINESE PRIMROSE

One of the finest winter and spring blooming plants, of easy culture, blooming at a season of the year when flowers are generally scarce; they are indispensable for conservatory and house decoration. The seed we offer has been selected with great care from some of the finest strains, and we can with confidence recommend it. Greenhouse perennial.

Alba Magnifica — Superb large flower, with bright yellow eye; beautifully fringed . .Pkt. 25c

Mont Blanc—Snow white flowers of good size and substance and exquisitely fringed. . .Pkt. 25c

Purity—A strong growing variety, with distinct red stems; flowers are large, pure white, with sulphur eyePkt. 25c

Violet Queen—An exquisite shade of violet, bordered with pure whitePkt. 25c

Rose—Bright rose; a superb variety . .Pkt. 25c

Rubra—Rich red flowers, elegantly fringed, very handsomePkt. 25c

PRIMULA OR CHINESE PRIMROSE—Continued.

Royal Blue—The finest of blues.Pkt. 25c
 Bruce's Superb Mixed—This embraces all the
 finest shades of colorPkt. 25c
 Fern-Leaved Mixed—Fern-like foliage, finely
 fringed flowers.Pkt. 25c

NEW GIANT FLOWERED CHINESE.

A magnificent class of Primula of immense
 size; the flowers which include many shades
 of color, are borne well above the foliage, are
 beautifully fringed and of great substance. Finest
 mixedPkt. 25c

DOUBLE CHINESE.

Embracing beautiful shades of magenta, scar-
 let, rose and white. The large double and semi-
 double flowers are invaluable for cutting during
 the winter months, when other flowers are gen-
 erally scarcePkt. 25c

VARIOUS PRIMULAS.

The following varieties are of the easiest cul-
 ture, flowering abundantly and continuously with
 little care. Seed sown under glass in February
 will produce flowering plants by the middle of
 May. Charming pot plants.

OBCONICA GIGANTEA—This new variety is
 the finest yet produced. See novelties, page 42.

OBCONICA GRANDIFLORA—A profuse bloom-
 er, bearing on long stems heads containing 10 to
 15 flowers. Pure white to rosy lilac . . .Pkt. 20c

OBCONICA GRANDIFLORA FIMBRIATA —
 The flowers of this variety are exquisitely fringed,
 which makes them appear more graceful, and
 adds to the general attractiveness of this popular
 PrimulaPkt. 25c

DOUBLE OBCONICA—The flowers of this new
 double variety are produced in large trusses
 borne on stout stems and rising well above the
 foliage; the individual flowers are of good size
 and a very delicate shade of light rosy lilac. Pkt 25c

FORBESI—Like Obconica, this species begins
 to flower in babyhood and continues a mass of
 bloom all the year round. Each flower stem bears
 3 to 6 whorls of pale rosy lilac flowers, smaller
 than those of Obconica, but more charming and
 graceful.Pkt. 25c

KEWENSIS—See Novelties, page 42.

MALACOIDES—See Novelties, page 43.

HARDY PRIMROSES

**New Giant Hardy Garden Varieties (Primula
 Veris Grandiflora)**—This new giant primrose is a
 vast improvement in every way on the old type,
 Polyanthus. The flowers are very large, measur-
 ing from 1½ to 2 inches in diameter, and borne
 on long stems 10 to 12 inches in length; the
 leaves are larger than those of that type and the
 colors are richer and more varied . . .Pkt. 25c

Mixed Hybrids—Flowers of these new hybrids
 are produced in all shades of color, varying from
 white to crimsonPkt. 10c

Yellow—The old-fashioned favorite . . .Pkt. 5c

PRIMROSE POLYANTHUS.

Splendid free-flowering plants, either for pot
 culture or open border. Hardy perennial. Height
 ½ foot.

Gold Laced—Very showy and attractive. Pkt 10c

Fine Mixed—Border varieties.Pkt. 10c

PRIMROSE—Continued.**JAPONICA.**

This beautiful Primrose, growing about 1¼ feet
 in height, produces from its tuft of robust leaves
 a stem bearing four or five separate tiers of
 whorls of charming flowers, each flower being an
 inch in diameter, and of splendid magenta color.
 Half hardy perennialPkt. 10c

PYRETHRUM

Handsome hardy perennials, very desirable for
 borders, the elegant flowers being much prized
 for cutting, in bloom June; height 2 feet.

Flowering Varieties.

Double Mixed—Beautiful Aster-like flowers,
 ranging in color from white to rose and purplish
 crimsonPkt. 10c

Single Mixed—Large Daisy-like flowers of many
 beautiful colors; excellent for cutting. . .Pkt. 5c

Yellow Leaved Sorts.

Well known dwarf growing plants, extensively
 used for bedding purposes.

Selaginoides—Beautiful variety, with golden
 moss-like foliage.Pkt. 10c

Golden Feather (Aureum)—Very popular. Pkt. 5c

Feverfew—See Matricaria, page 59.

Pinks—See Dianthus, page 54.

Ricinus—See Castor Oil Beans, page 50.

ROSA MULTIFLORA NANA.

Liliput Rose—This new dwarf Polyanthus Rose
 flowers the first season from seed. The flowers
 are single, semi-double and double, are of perfect
 form, and are produced in every color exhibited by
 other roses. The plants grow only about 15 inches
 high, forming very neat, compact bushes. .Pkt. 10c

ROCKET.

Very pleasing early spring flowers, deliciously
 fragrant. Hardy perennial.

Purple and White—1½ feetPkt. 5c

SAPONARIA.

Of these beautiful little plants it is impossible
 to speak too highly. They carpet the ground with
 their beautiful star-shaped flowers during the sum-
 mer and autumn months; for edging they are un-
 equalled, bearing cutting back, if necessary.
 Hardy annual.

Calabrica — Rich
 deep pink, 1½ feet.
 Oz. 30c, pkt. 5c.

SALPIGLOSSIS

Highly ornament-
 al and remarkably
 beautiful summer
 blooming plants.
 Their curiously pen-
 cilled and marbled
 funnel-shaped flow-
 ers produce a fine
 effect in beds, bor-
 ders, edging, etc.

Hardy annual.

See Catalogue Cover.

Salpiglossis.

Superbissima or Emperor—A grand new strain,
 remarkable for its very large flowers, which are
 of brilliant, varied colors, all richly veined with
 goldPkt. 10c

Finest Mixed—Large flowering sorts. Beauti-
 ful colors; 1½ feet¼ oz. 30c, pkt. 5c

SENSITIVE PLANT.

Mimosa—Very curious and interesting, their
 leaves closing if touched or violently shaken;
 may be grown out of doors, in a warm situation;
 grow in peat or loam; 1 foot. Half-hardy annual.
 Pkt. 5c.



SALVIA

(Flowering Sage.)—A favorite bedding plant, bearing long spikes of flowers in great profusion from July till frost; half-hardy perennials, blooming the first year from seed, which should be sown as early as possible, either indoors or in a hot bed, and the young plants transferred to their flowering quarters when the weather has become settled and warm.

Splendens—Brilliant scarlet flowers; a magnificent variety; 3 feetPkt. 10c

Bonfire—In habit more dwarf and compact than above; flowers intense scarlet; unsurpassed for bedding and pots; 2 feetPkt. 10c

Fireball—A compact type of Scarlet Sage. The bushy plant, 20 inches high, is covered with long, broad spikes of the most fiery scarlet . .Pkt. 15c

Zurich—The earliest flowering of all Salvias; This new variety begins to bloom about the first of July, continuing without interruption until frost. The compact and dwarf habit of the plant makes it most suitable for small beds or borders. Very handsomePkt. 15c

Farinacea—Beautiful and free flowering, producing in profusion tall spikes of silvery lavender flowers.Pkt. 10c

Patens—Handsome, large, deep blue velvety flowers; highly recommended; 2 feet . .Pkt. 20c

Coccinea—Scarlet, very showy; not nearly equal to above varieties; 1 foot Oz. 40c, pkt. 5c



Salvia Splendens.
STOKESIA CYANEA.

Blue Cornflower Aster—A beautiful hardy perennial, of the easiest culture, blooming the first year from seed and succeeding in any open sunny situation. The plants grow about 2 feet high, and produce their handsome lavender-blue Centaurea-like blossoms from July till frost.

.Pkt. 10c



Sweet Scabious.

SCABIOSA

Sweet Scabious—Flowers are double, remarkably handsome and very richly colored crimson, purple, pink and lilac shades predominating; splendid for cutting. Hardy annual.

Double Mixed—All colors, 2 ft. . .oz. 30c, pkt. 5c

Double White—Snowball, extra; 2 ft . .Pkt. 5c

Double Yellow—A new color, very pretty. Pkt. 5c

Fairy Queen—Light blue.Pkt. 10c

Caucasica—One of the handsomest of hardy perennials, especially valuable for cutting, the bloom lasting a long time in water; lilac blue, 3 feetPkt. 10c

SMILAX.

A well known greenhouse plant, largely used by florists for table and house decorations; flowers white.Pkt. 5c



SCHIZANTHUS.

Butterfly Flower—A splendid annual, combining elegance of growth with a profusion of rich and various colored flowers; fine for greenhouse decoration and the flower garden; of easy culture.

Dwarf Large Flowering Hybrids—Beautiful colors and combinations in great variety. Pkt. 10c

Wisetonensis—The plants form pyramidal bushes about 18 inches in height, covered with masses of elegant flowers of various shades of white to rose and white spotted rose to carmine. Very beautifulPkt. 15c



Stocks.

SPECIAL EARLY LARGE FLOWERING GIANT NICE WINTER STOCKS.

The different varieties in this section are largely used as pot plants by market growers. By sowing early in June they may be had in flower by Christmas. A striking feature of the Nice Stock is the rapidity with which it comes into flower, so that it may just as readily be grown as an early Ten-week Stock.

Bianca—This fine new sort is distinct from the already existing white Nice Stocks, being the hardiest and the most floriferous. Fifteen to twenty lateral shoots surround the main stem of 18 to 20 inches in length and blooming all at the same time give to the entire plant the appearance of a magnificent bouquet Pkt. 15c

Purple (Violet)—New—Strong spikes, remarkably fine variety Pkt. 15c

Beauty of Nice—Strong spikes, with large flowers of a delicate fleshy pink Pkt. 10c

Almond Blossom—White, shaded carmine, a charming variety Pkt. 15c

Queen Alexandra—Rosy-lilac, very fine. Pkt. 10c

Abundance—Carmine-rose, flowers produced in extraordinary profusion Pkt. 15c

VARIOUS STOCKS.

Snowflake Forcing—A dwarf variety with large double snow white flowers. Fine for pot culture Pkt. 25c

East Lothian Intermediate—The best of all intermediate varieties; for winter or spring flowering. Their continuous blooming and great percentage of double flowers which they produce renders them the most valuable for pot culture.

White or Scarlet—Mixed or separate cols. Pkt 15c

Brompton Biennial—Large flowered variety of dwarf, compact habit, producing a beautiful display of double flowers. **Snow White and Scarlet**, mixed. Pkt. 15c

SOLANUM.

Capsicastrum (Jerusalem Cherry)—This is a useful pot plant for winter decoration, of dwarf, branching habit, bearing in the greatest profusion bright scarlet berries. Seeds sown in early spring produce fine plants for autumn fruiting. . Pkt. 10c

STEVIA.

Serrata—The tiny white flowers are produced in graceful sprays, valuable for cutting; perennial. Pkt. 10c

STOCKS

The Stock is one of the most popular, beautiful and important of our garden favorites. Whether for bedding, massing, edging or ribboning, it is unsurpassed, either for brilliancy or diversity of color, or duration of bloom. Half-hardy annual.

SUMMER FLOWERING TEN WEEK VARIETIES.

The most useful stock for general bedding; the flowers are large, and produced in great profusion.

Fine Mixed oz. \$1.50, ¼ oz. 40c, pkt. 5c

Choice Double Mixed—Large flowered sorts, extra fine. . Pkt. 10c

Pure White. Pkt. 10c

Crimson Pkt. 10c

Light Blue. Pkt. 10c

Imported Collection—12 finest varieties 75c

Imported Collection—6 finest varieties 50c

PERPETUAL OR BRANCHING STOCK.

(Cut and Come Again)—A magnificent Stock of strong growth and fine branching habit, bearing enormous spikes of large double flowers, suitable alike for the garden and winter forcing under glass.

White Princess Alice, Pkt. 10c

Scarlet Pkt. 10c

Silver Lilac Pkt. 10c

Rose Pkt. 10c

Canary-Yellow. Pkt. 10c

Mixed Pkt. 10c

SCARLET RUNNER BEANS

A great favorite in England and the continent of Europe, not only as an ornamental climber, but for its delicious edible beans, which succeed the bright scarlet sprays of pea-shaped blossoms; grows 10 to 15 feet high. Pkt. 5c, ¼ pint 10c, pint 30c; postage extra.

BUTTERFLY RUNNER BEAN.

This new Runner Bean is practically identical with the old Scarlet runner, except in color of its flowers, which are rose-white Oz. 10c, pkt. 5c.

STREPTOCARPUS.

Cape Primrose—New Hybrids—Highly decorative pot plants. They produce a continuous succession of large trumpet-shaped flowers, borne on erect slender stems, ranging in color through lavender, purple, violet, rose and red to pure white. Seed sown in January or February will produce plants which will come into bloom during the following June and July Pkt. 10c

SUNFLOWER.

(Helianthus). Very showy plants, remarkable for their stately growth and the brilliancy and size of their flowers, and well adapted for large shrubby borders or round the margins of lakes and ponds. Hardy annual.

Single Varieties.

Miniature—Of dwarf, branching habit, producing an abundance of small flowers of a bright golden yellow, with dark centre; one of the finest; 3 feet oz. 25c, pkt. 5c

New Miniature Seedlings—These new seedlings retain the same growth and freedom of flowering of the original Miniature Sunflower, but the individual flowers are most distinct in color and markings. They come in charming shades of orange, yellow and primrose. Some of the single flowers, with their twisted petals, resemble the Cactus-Dahlia, others are semi-double, whilst others are quite double and full centered, like those of the large flowered double sorts. . Pkt. 5c

Giant Russian—Very large, 8 ft. . oz. 15c, pkt. 5c

Primrose Dame—Sulphur yellow, with black centre; 6 feet oz. 15c, pkt. 5c

SUNFLOWER—Continued.



Miniature Sunflower—See page 68.

Double Varieties.

Chrysanthemum-Flowered—Grows 7 feet high, and bears profusely all summer long. Flowers are perfectly double, and of the very brightest golden yellow. The plants remain in bloom a long time and bear flowers of so many sizes that any one can suit himself as to what size would make the prettiest bunch. The flowers are so perfect in form that they resemble very double Chrysanthemum-flowered Asters, with long stems.

.....oz. 25c, pkt. 5c
Globosus Fistulosus—Handsome large flowered; 5 feetoz. 25c, pkt. 5c

Many Flowered Double—Handsome and ornamental; it grows erect, about 4 feet in height, with only a single stock and at each leaf joint is a very short stem, terminating in a fine double flower. The terminal flower is the largest, being from 6 to 8 inches in diameter.oz. 25c, pkt. 5c

Dwarf Double—Very attractive; a handsome background; 4 feetoz. 25c, pkt. 5c

Tall Double—Large, bright yellow flower; 5 feetoz. 20c, pkt. 5c

SWEET PEAS

These lovely and deliciously perfumed flowers are everywhere appreciated. They possess all the qualities which are prized in decorative flowers, gracefulness of form, brilliant and varied coloring, slender stems, and sweet perfume. When cut for filling vases the blooms will last for days. The seed should be sown as early as the ground can be worked in the spring to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. As fast as the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form the plants will stop blooming. Seed may be sown with great advantage late in the autumn.

A Carefully Revised List of the Best New and Standard Varieties.

Owing to the failure of the Sweet Pea Crop both in 1912 and 1913, prices of all varieties are higher than usual, and stocks for this season are very limited.

SWEET PEAS—Continued.

PURE WHITE, PRIMROSE AND VERY LIGHT SHADES.

Dorothy Eckford—Pure white; the plant is very short jointed and grows an enormous mass of bloom. Pkt. 10c, oz. 25c.

Emily Henderson—Pure white, extra fine. Pkt. 10c, oz. 25c.

Honorable Mrs. E. Kenyon—Primrose, self-colored, large, semi-hooded flower; this is the largest and best of this shade. Pkt. 10c, oz. 25c.

Nora Unwin—This charming variety takes its place in the front rank of pure whites. It has the same bold, wavy standard and broad wings of the Unwin type; a strong, vigorous grower and free bloomer. Pkt. 15c, oz. 50c.

Stella Morse—Deep cream, with blush pink; hooded form. Pkt. 10c, oz. 25c.

White Wonder—The flowers are uniformly of large size, borne six to eight on long, stout stems. About half the flowers have double standards. Pkt. 10c, oz. 25c.

PINK AND ROSE.

Agnes Eckford—Flowers a beautiful soft light pink, resembling the favorite Prima Donna in shade, but larger in size, while the coloring is even more delicate and pleasing. Pkt. 10c, oz. 25c

Bolton's Pink—Standards self-pink, shaded delicate rose, wings pale pink; very large flower with erect standards of fine substance. Pkt. 10c, oz. 25c.

Gladys Unwin—The large flowers have a very striking upright or wavy standard and broad wings; color a pale rosy-pink. Pkt. 15c, oz. 50c.

Prima Donna—A lovely shade of soft pink, of large size and fine form; very frequently bears four flowers on a stem. Pkt. 10c, oz. 25c.

ORANGE AND PINK.

Gorgeous—Standard rich, orange-salmon, wings bright orange rose. Very showy. Pkt. 10c, oz. 25c.

Miss Wilmott—A grand flower of great substance, standard rich red, orange-pink, wings rose, with orange tint; semi-hooded form; flower stems long and stiff. Pkt. 10c, oz. 25c.

St. George—The most brilliant color in Sweet Peas, the standard is bright orange-scarlet, very large and inclined to the wavy form. Wings bold and well opened, of a slightly deeper color. Pkt. 10c, oz. 25c.

RED, SCARLET AND CRIMSON.

Coccinea—Soft, cherry red, self-colored flower, a distinct shade, very bright and attractive; flowers of good size, semi-hooded. Pkt. 10c, oz. 25c.

King Edward VII—This is a lovely bright crimson self. A true, giant flowered variety, with strong stems and growth, with no inclination to burn in the sun. Pkt. 10c, oz. 25c.

Prince of Wales—A bright rose self of intense color and bright, bold form, bearing three and frequently four flowers well placed on long, stout stems. Pkt. 10c, oz. 25c.

Queen Alexandra—An intense scarlet self of grand texture and finest form. The plant is a vigorous grower and very free flowering, the flowers large, and borne on long, stiff stems. Pkt. 10c, oz. 25c.

Salopian—A superbly beautiful variety. Color deep crimson, tinged with mulberry red, suffused with rich, orange scarlet; flowers large, finely formed and handsome. Pkt. 10c, oz. 25c.

E. J. Castle—New—Bright crimson-rose, with veins of deeper rose; very striking. Pkt. 10c, oz. 25c.

STRIPED, PICOTEE EDGED, AND MOTTLED.

Aurora—The flowers, which are gigantic in size, are borne three or four on a stem; the color effect is gorgeous. Both standards and wings are flaked and striped on a white ground with bright orange-salmon. Pkt. 10c, oz. 25c.

Dainty—Flowers of the largest size, upon first opening appear to be white, but quickly change to white with pink edge, making a most charming contrast. Pkt. 10c, oz. 25c.

Jessie Cuthbertson—A fine erect standard, pale buff ground, striped with rosy magenta, three and often four flowers on a stem. Pkt. 10c, oz. 25c.

Helen Pierce—A very pretty and distinct variety. Flowers a bright blue, mottled and marbled on a white ground, after the style of a Gloxinia in colorings and markings; very striking and unique. Pkt. 10c, oz. 25c.

Lottie Eckford—Flowers large, standard white, shaded mauve; wings white, blue edged; very handsome. Pkt. 10c, oz. 25c.

Phenomenal—White, tinged rosy-lavender, deepening towards the edges; standards produced in pairs are full and wavy. Pkt. 10c, oz. 25c.

LAVENDER, MAUVE AND PURPLE.

Flora Norton—This is a very bright self blue, darker than Mrs. George Higginson, quite distinct, and a great acquisition. Pkt. 10c, oz. 25c.

Frank Dolby—New—A lovely pale blue, with the bold, wavy standard of the Unwin type, possibly the best of this color. Pkt. 15c, oz. 50c.

Lady Grisel Hamilton—Color a beautiful shining pale lavender. In form it is one of the most advanced giant-flowered type. Pkt. 10c, oz. 25c.

Mrs. Geo. Higginson, Jr.—A very distinct and delicate pure light blue. Pkt. 10c, oz. 25c.

Romolo Piazzani—A violet blue self; the standard is only slightly hooded; flower of great size and substance, very vigorous grower. Pkt. 10c, oz. 25c.

MAROON, INDIGO AND VIOLET.

Black Knight—A very deep maroon self, the best of the color; the plants are of vigorous growth and free flowering. Pkt. 10c, oz. 25c.

Duke of Westminster—A deep, rose-maroon, overlaid with bright, shining violet; a grand flower, perfectly distinct from any other variety. Pkt. 10c, oz. 25c.

Horace Wright—Large, long-stemmed flowers with round, open standard of velvety plum-purple; wings violet-purple. The best of this color. Pkt. 10c, oz. 25c.

Lord Nelson—An improved navy blue, the flowers being larger and of a richer indigo blue. Pkt. 10c, oz. 25c.

Othello—A beautiful dark brown chocolate red, self-colored flowers, a color not before attained. Pkt. 10c, oz. 25c.

BRUCE'S SPENCER OR ORCHID FLOWERED SWEET PEAS

The introduction of the Spencer type of Sweet Pea has created a new interest and increased the popularity of this general favorite. The Spencer flower is quite distinct and a great improvement on the standard or grandiflora type, being round and open, and of extraordinary size, with beautifully waved and fluted standards, the magnificent flowers being generally produced in threes and often fours on long, strong stems, making them of exceptional value for cutting.

**Beatrice Spencer.**

Apple Blossom Spencer—The form is most beautiful, the petals are waved and crinkled to a remarkable degree. The flowers are most attractive, and bunch well. Standard crimson pink, shaded deeper at mid-rib to lighter at edges. Wings white, tinged and shaded with pink. Pkt. 15c, oz. 50c.

Aurora Spencer—The superbly beautiful flowers are produced most profusely in threes and fours. The ground-color of the flower is a cream-white, and this is exquisitely flaked and mottled with rich, orange-salmon. Pkt. 15c, oz. 50c.

Asta Ohn Spencer—Lavender, suffused or tinted with mauve. The finest of this color in the Spencer selections yet introduced. The flowers are very large and wavy, and come uniformly four blossoms to the stem, and the stems are particularly long and sturdy. Pkt. 15c, oz. 50c.

Beatrice Spencer—White, tinted with soft pink on the standard, while each wing has a blotch of brighter pink near the base; one of the most delicate and dainty varieties offered. Pkt. 15c, oz. 50c.

Black Knight Spencer—Deep maroon. The large and handsome flowers are waved and crinkled, of the true Spencer type. A strong grower and free bloomer. Pkt. 15c, oz. 50c.

Constance Oliver Spencer—Bright pink, suffused with primrose; a charming flower of the finest Spencer form. Pkt. 15c, oz. 50c.

Countess Spencer—A beautiful clear pink, showing a little deeper at the edges. The form is open and the margins of the petals wavy. A strong, vigorous grower, the large flowers are borne three and four upon long, stiff stems. Pkt. 15c, oz. 50c.

Duplex Spencer—Produces uniformly large, waved flowers of true Spencer type. In color both the standard and wings are a rich, cream-pink, and practically all the plants give flowers with double or triple standards. Of strong, vigorous growth, the vines bear the grand flowers most profusely upon long, stiff stems. We are sure that market growers will find that the new Duplex Spencer will be one of the most profitable Sweet Peas they can grow for cutting, while amateurs will be delighted with it. Pkt. 15c, ¼ oz. 30c, oz. \$1.00.

SPENCER SWEET PEAS—Continued.



Aurora Spencer.

Empress Eugenie—See Novelties, page 44.

Ethel Roosevelt—The ground color is a soft, pleasing primrose, overlaid with dainty flakes and splashes of blush crimson, of strong, robust growth and extremely free flowering. Pkt. 15c, oz. 50c.

Florence Morse Spencer—A charming delicate blush, with pink margin. The flowers are large, with the wavy form of the best Spencer type. A most beautiful variety. Pkt. 15c, oz. 50c.

Flora Norton Spencer—Bright blue, with just a tint of purple. The flowers are large and very wavy. Pkt. 15c, oz. 50c.

Florence Nightingale—The color is most charmingly soft and yet rich lavender. The plant is extremely robust in growth, flowering most profusely. Pkt. 15c, oz. 60c.

George Herbert—Flowers of largest size, with broad, round, waved standards of rich scarlet-rose; wings crimson rose. Pkt. 15c, oz. 50c.

Helen Lewis—The orange-rose wings roll and fold, the standard is reflexed, showing the distinctly fluted effect, and is of an intense rich crimson-orange. Pkt. 15c, oz. 50c.

Illuminator—See Novelties, page 4.

Irish Belle—A superbly beautiful variety that shows quite a new shade in Sweet Peas, a lovely rich lilac, flushed with pink, which gives it a very distinct and soft tone throughout the entire flower. Pkt. 15c, oz. 75c.

John Ingman—The beautiful fluted flowers are a rich carmine rose in the standards, with wings of a deep, rosy-pink. Pkt. 15c, oz. 50c.

King Edward Spencer—The enormous flowers come uniformly waved and crinkled. The standard is a rich, deep, carmine-scarlet of glossy effect. The wings are also carmine scarlet, and on the reverse side are of a deep rosy-carmine. The vines are vigorous and thrifty, the long stems frequently carry four fine blooms, while the majority bear three flowers. Pkt. 15c, oz. 50c.

King Manoel—See Novelties, page 44.

King White—See Novelties, page 44.

Lovely Spencer—The color is bright pink at the base of both standard and wings, and shades to soft blush and almost white at the edges. Flowers large, wavy and beautiful. Pkt. 15c, oz. 50c.

Maud Holmes—See Novelties, page 44.

Margaret Atlee—See Novelties, page 44.

Margaret Madison—An exquisite self-colored, azure blue. Pkt. 15c.

Marie Corelli—The wings are a pure rich rose-carmine, while the standard shows a touch of cherry-red. The whole effect is that of a brilliant crimson, clear, distinct and most beautiful. The plant is of strong growth and very free flowering. Pkt. 15c, oz. 50c.

Masterpiece—A lavender Spencer, slightly tinted mauve, flowers very large and wavy, stems nearly always carry four blossoms. Pkt. 15c, oz. \$1.00.

Mrs. Hugh Dickson—A cream pink Spencer on buff ground, very fine form, flowers well placed on long stem; a charming flower. Award of Merit N. S. P. S. in 1910. Pkt. 15c, oz. 60c.

Mrs. Routzhan Spencer—The blending shades of this charming variety are soft rose and buff and primrose, with a decided rose edge. The flowers are very large, and of the most perfect Spencer form. Pkt. 15c, oz. 50c.

Mrs. Sankey Spencer—Fully as large as White Spencer, and of equally perfect form. Being black seeded, it is easy to germinate. Pkt. 15c, oz. 50c.

Othello Spencer—A rich, deep maroon. The flowers come true to type being beautifully waved and crinkled, both in standard and wings. It is a strong grower, and the intensely dark colored flowers contrast well with the lighter shades already introduced. Pkt. 15c, oz. 50c.

Pearl Grey—Is truly a descriptive name. It is certainly a most lovely and distinct shade that might be described as a pearl or dove grey, suffused with light rose. The flowers, borne in clusters of three and four, are of the largest size, and uniformly of true Spencer type. Pkt. 15c, oz. \$1.00.

Primrose Spencer—Primrose-yellow. The vine is equally as thrifty and free flowering as White Spencer. Pkt. 15c, oz. 50c.

Queen Alexandra Spencer—Bright scarlet-red. The flowers are uniformly of the largest size and finest form, and their vigorous vines flower most freely. Pkt. 15c, oz. 60c.

Senator Spencer—The color is a varying combination of deep claret and chocolate, striped and flaked on a ground of light heliotrope. The vines which are strong and vigorous, are a perfect mass of bloom throughout the season. Pkt. 15c, oz. 50c.

White Spencer—Pure white enormous flowers; the standard is waved and crinkled. Vines vigorous, with heavy foliage. Pkt. 15c, oz. 50c.

W. T. Hutchins—The buds show a decided buff color. The full expanded flower has the appearance of light apricot, overlaid with a beautiful blush pink. Pkt. 15c, oz. 50c.

Wedgewood—See Novelties, page 44.

Xenophon—A new selection of the double orchid flowering type. A large percentage of the blossoms bear two standards, which are light and fluffy, rather than waved. White, with a soft and delicate tint of blue, gives a charming color effect. Pkt. 15c, oz. 60c.

BRUCE'S COLLECTIONS SWEET PEAS

Royal Nosegay—4 splendid varieties, Grandiflora type, 25c.

Spencers—5 superb varieties, Spencer type, 50c.

CHRISTMAS FLOWERING SWEET PEAS

For growing under glass these new and distinct Sweet Peas are most suitable. By frequent sowings, commencing the middle of August and on during the fall and winter, cut flowers can be had in abundance from Christmas until the following June.

Florence Denzer—White. Pkt. 10c, oz. 25c.

Christmas Pink—Pink and white. Pkt. 10c, oz. 25c.

Mrs. Wm. Sim—Salmon pink. Pkt. 10c, oz. 25c.

Mrs. Alex. Wallace—Lavender. Pkt. 10c, oz. 25c.

Meteor—Scarlet. Pkt. 10c, oz. 25c.

Mrs. F. J. Dolansky—A lovely shade of soft pink.

Pkt. 10c, oz. 25c.

Mixed—Many fine sorts. Pkt. 10c, oz. 25c.

DOUBLE SWEET PEAS.

Under favorable conditions these will produce a percentage of double flowers.

Mixed Double Sweet Peas—Pkt. 10c, oz. 25c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

DWARF SWEET PEAS.

Plants are seldom more than 6 or 8 inches in height, and form a dense mat of richest green foliage 15 inches or more in diameter. The flowers are fully equal in size to those of the tall growing varieties, but are placed closely together, generally three or four at top of a stout stem. For bedding, bordering or cemetery decoration they are specially valuable.

Choice Mixed Cupids—Pkt. 10c, oz. 25c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

SWEET PEAS IN MIXTURE

Bruce's Superb Mixed—In the blending of this superb mixture the greatest care has been taken; composed exclusively of the best up-to-date giant flowering and Spencer Varieties, and in such quantities as to produce the best color effect. We can safely say no better mixture is offered, no matter under what name or at what price. Pkt. 10c, oz. 35c, 2 oz. 60c, ¼ lb. \$1.00, lb. \$3.50.

Bruce's Choice Mixed—This fine mixture is a choice blending (mixed by ourselves) from named varieties only, insuring a most satisfactory result in colors, and vastly superior to the ordinary mixture sold, which usually contains a large proportion of dull colors. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. \$1.50.

When Sweet Peas are required by mail, add postage to the lb. prices only at the rate of 5c per lb. to Canadian points, and 16c per lb. to Newfoundland and the United States.

SWEET ALYSSUM—See page 45.

SWEET SULTAN—See page 51.

SWEET WILLIAM.

Dianthus Barbatus—Well known and popular biennial, of easy culture. The plants are hardy and of vigorous growth; the flowers sweet scented, borne in profusion, are of extreme richness and variety of color.

Holborn Glory—This strain is a large flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear white eye, is truly superbPkt. 10c

Auricula Flowered—Splendid strain.Pkt. 5c

Double—Finest mixed.Pkt. 10c

Single—Finest mixedoz. 30c, pkt. 5c

Single—Crimson.Pkt. 5c



Bruce's Spencer Sweet Peas.

SWEET PEAS IN COLLECTIONS

BRUCE'S ROYAL NOSEGAY

Dorothy Eckford—White.

Miss Wilmott—Orange-pink.

Lord Nelson—Dark blue.

Queen Alexandra—Scarlet.

Price of above superb collection 25c, mailed to any address.

Bruce's Spencer Collection

Asta Ohn—Lavender.

Countess Spencer—Best pink.

King Edward Spencer—Crimson.

White Spencer—Best white.

Helen Lewis—Orange-pink.

This superb collection mailed to any address for 50 cents.



Sweet William.

TORENIA.

A very fine annual, forming a splendid plant for vases, hanging baskets, greenhouses, or for growing out of doors.

Fournieri—Large sky-blue flowers, with 3 spots of dark blue, and bright yellow centre. Pkt. 10c

Bailloni — Golden yellow, with brown-red throatPkt. 20c

VINCA.

Ornamental free-flowering plants. They flower from seed the first season, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower; 2 feet. Tender perennial.

Mixed Colors—Pink and whitePkt. 5c

VIRGINIAN STOCK.

Extremely pretty, profuse blooming little plants; effective in small beds, baskets and edgings, grows freely in any soil. Hardy annual.

Red— $\frac{1}{2}$ footPkt. 5c



Thunbergia.

THUNBERGIA.

Handsome, free-flowering and rapid growing climbers for the conservatory or out-door cultivation. Half-hardy annual.

Fine Mixed—White, orange, etc.Pkt. 5c



VERBENA

A universal favorite, raised from seed sown in January or February will bloom abundantly during the summer and autumn of the same year. The plants are more robust in growth, and produce more flowers than those propagated from cuttings. Half-hardy perennial.

Fine Mixed—All colors. Oz. \$1, $\frac{1}{4}$ oz. 30c, pkt. 5c

Choice Mixed—From named flowers . .Pkt. 10c

Striped Italian—Very fine.Pkt. 10c

New Mammoth—The plants of this variety bloom freely and are vigorous in growth. The flowers are of the largest size and embrace all the best new colors and shades. **Mixed** . .Pkt. 10c

Mammoth WhitePkt. 10c

Mammoth PinkPkt. 10c

Mammoth ScarletPkt. 10c

Mammoth PurplePkt. 10c

Collection (Imported), of six finest colors. .60c

Lemon Scented—The Lemon Verbena (*Aloysia citriodora*), is an old fashioned favorite with delightfully scented foliage. A sprig of it is often included in mixed bouquets. The leaves when dried will retain their fragrance for years. It is a low-growing tender shrub, and may be grown in garden in summer and in pots in winter. Pkt. 10c

ZINNIA

Very handsome, free flowering plants, of great richness and variety of color, which have long been great favorites. The flowers measure 2 to 3 inches in diameter, and of various shades of color, embracing purple, deep rose, light rose, mottled rose, red, orange and buff; they resemble in their outline a fine double French Marigold, but much larger in size. Half-hardy annual.

Tall Double Mixedoz. 50c, pkt. 5c

Dwarf Double Mixedoz. 50c, pkt. 5c

Double White . .Pkt. 5c | **Double Scarlet**..Pkt. 5c

Giant Flowered—This variety forms a handsome bush, 3 feet in height, and the mammoth double flowers, measuring 5 to 6 inches across, are of most brilliant colorsPkt. 5c

Lilliput Flowered—A charming new class, with small and very double flowers, excellent for bouquets; mixed colors.Pkt. 5c

Crested and Curled—The flowers are large and double, the petals being twisted and curled into most graceful forms; all shades and color; finest mixedPkt. 5c

Collection of 6 finest double varieties, 50c



Double Zinnia.

VIOLET.

Well known fragrant spring flowering plants. Seed takes 3 to 4 months to germinate. Hardy perennial.

White Perpetual—Very pretty; ½ footPkt. 10c

The Czar—Large flowered purplePkt. 10c

WALLFLOWER.

A well-known fragrant plant. Half-hardy perennial.

Single Mixed.. . . .oz. 40c, pkt. 5c

German Double—Choice mixed; 2 feetPkt. 10c

NEW ANNUAL WALLFLOWER.

Flowering the same season from spring-sown seed, their adaptability for pot culture and out-door planting, with their delicious, fragrant, light brown flowers should make these new annuals general favorites.. . . .Pkt. 5c

EVERLASTINGS

The Everlasting flowers are not only ornamental during the summer, but very attractive for winter decoration. They should be cut as soon as they come into bloom and dried in the shade, with the heads downward to keep the stems straight.



Helichrysum—Everlasting.



Double Wallflower.

Acroclinium—Double mixed, white and rose. Half-hardy annual.

Globe Amaranth—(Gomphrena)—Double mixed. Hardy annual.

Helichrysum—Exceedingly effective, double flowers of most brilliant colors. Hardy annual.

Helipterum—Flowers white and golden yellow. Tender annual.

Rhodanthe—Very handsome, rose and white mixed. Tender annual.

Xeranthemum—Double mixed; purple, yellow and white mixed. Hardy annual.

Any of the above, pkt. 5c, the 6 for 25c.

SPECIAL MIXTURE OF FLOWER SEEDS FOR WILD FLOWER GARDENS

These mixed flower seeds embrace a great variety of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for sowing in almost any odd corner of the garden or grounds, and if kept free from weeds can be made to produce a continual display of bloom during summer. Pkt. 10c, ½ oz. 20c., oz. 30c.

ORNAMENTAL GRASS SEEDS

flowers, for which purpose they should be cut when green, at about the time of flowering, and dried in the shade. Those marked with an Asterisk are Perennial Species.

Agrostis Pulchella—Very beautifulPkt. 5c

Agrostis Nebulosa—The most elegant of ornamental grassesPkt. 5c

Briza Maxima—One of the most ornamental grasses; perfectly hardy.. . . .Pkt. 5c

*Bromus Brizaeformis—Very fine grass, with elegant hanging earsPkt. 5c

Briza Gracilis—Very beautiful variety from Cape of Good HopePkt. 5c

Eragrostis Elegans—An elegant airy grass of dwarf growthPkt. 5c

*Erianthus Ravennae—Extremely elegant, resembling the Pampas Grass in appearance and habit of growth; its noble plumes of silvery inflorescence are pure white and delicately beautiful; 7 feetPkt. 5c

*Gynerium Argenteum—(Pampas Grass)—The most noble grass in cultivation; flowers second season; not quite hardy here, though we have kept plants safely by covering with leavesPkt. 5c

Lagurus Ovatus—(Hare's Tail Grass)—Small white plumes; 1 footPkt. 5c

Pennisetum Longistylum — Graceful greenish-white plumes, excellent for beds; 2 feet.Pkt. 5c

Pennisetum Rueppelianum—(Purple Fountain Grass)—Beautiful and graceful green foliage and purplish plumes, and unequalled as an edging to a bed of Cannas or other tall plants; 3 feetPkt. 5c

*Stipa Pennata—(Feather Grass)—Magnificent, but rather difficult to grow without heatPkt. 5c

Are remarkably valuable for the formation of winter bouquets, wreaths and other ornaments, in connection with the everlasting

flowers, for which purpose they should be cut when green, at about the time of flowering, and dried in the shade.

Those marked with an Asterisk are Perennial Species.

Agrostis Pulchella—Very beautifulPkt. 5c

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*Stipa Pennata—(Feather Grass)—Magnificent, but rather difficult to grow without heatPkt. 5c

Any of the above, pkt. 5c, the 6 for 25c.



Pennisetum.

FLOWERING BULBS

GLADIOLUS FOR SPRING PLANTING

There are few flowers which produce such a gorgeous effect as this magnificent autumn flowering plant. Largely as they are used, and popular as they undoubtedly are, they deserve to be still more extensively grown. The great wealth and variety of color, the richness of their markings, and size of the flowers and the profusion of bloom, all combine to make them one of the most effective plants for the garden, either for massing or growing as single specimens.

Culture—Gladiolus are of the easiest culture. The bulbs may be planted any time from the 24th of May to the middle of June. They will grow well in ordinary garden soil with almost no care whatever. The bulbs may be taken up in the fall and stored during the winter in a dry cellar away from frost.

Gladiolus prices are postpaid to Canadian points. To United States and Newfoundland add 50c per 100 for postage.

MIXED GLADIOLUS.

Bruce's Superb Mixed—This splendid mixture is made up by ourselves, and includes Groff's magnificent hybrids, Childsi, Lemoinei and Gandavensis. 10 for 60c, 25 for \$1.35, \$5.00 for 100.

Lemoinei Mixed—A fine range of colors. 10 for 50c, 25 for \$1.00, \$3.25 for 100.

Groff's Hybrid Seedlings—A good mixture of blooming bulbs. 10 for 40c, 25 for 75c, \$2.50 per 100.

Childsi Mixed—A very superior mixture. 10 for 60c, 25 for \$1.25, \$4.50 for 100.

Choice Mixed—A satisfactory mixture, strong flowering bulbs. 10 for 30c, 25 for 65c, \$2.25 for 100.

Good Mixed—A good flowering mixture. 10 for 25c, 25 for 55c, \$1.75 for 100.

Bruce's White and Light Shades—Fine, specially for florists. 10 for 50c, 25 for \$1.00, \$3.50 for 100.

Bruce's Special Florists' Mixture—Whites and Pinks. 10 for 60c, 25 for \$1.35, \$5.00 for 100.



Mixed Gladiolus.

COLLECTIONS OF GLADIOLUS

The following 10 collections are all grown from stocks of H. H. Groff, the famous Canadian specialist, the greatest authority and introducer of Gladiolus of the present day, and to whom was awarded the gold medal at the World's Fair, St. Louis, and Pan-American Exhibition, Buffalo.

WORLD'S FAIR SECTION.			Each.	10	25
Collection A—Newest shades in white and light colors			11c	\$1.00	\$2.25
Collection B—	“	reds and crimsons	11c	1.00	2.25
Collection C—	“	blues	11c	1.00	2.25
Collection D—	“	yellows	11c	1.00	2.25
Collection E—Above 4 mixed			11c	1.00	2.25
PAN-AMERICAN SECTION.			Each.	10	25
Collection F—New shades in white and light colors.. . . .			8c	\$0.70	\$1.50
Collection G—	“	reds and dark colors.. . . .	8c	70	1.50
Collection H—	“	blues.. . . .	8c	70	1.50
Collection I—	“	yellows	8c	70	1.50
Collection K—Above 4 mixed.. . . .			8c	70	1.50

GRAND NAMED GLADIOLUS

America—Exquisite soft lavender pink, the most beautiful color yet seen in Gladiolus. Grand long erect spikes, the best florists' variety and a beautiful bedding sort. 10c each, 10 for 70c, 25 for \$1.50.

Attraction—Deep, dark, rich crimson, with a very conspicuous large pure white centre and throat; splendid for florists. 10c each, 10 for 90c, 25 for \$2.00.

Augusta—A fine white with blue anthers. 10c each, 10 for 70c, 25 for \$1.25.

Blue Jay—(Baron Hulot)—Finest blue Gladiolus yet seen. It is a rich, deep color, of an indigo blue. 15c each, 10 for \$1.40, 25 for \$3.25.

Cardinal—Perfect flower and spike, very large, of the brightest and most intense cardinal scarlet. Very rich and showy, and the very finest high colored sort yet seen. 25c each, 10 for \$2.25, 25 for \$5.00.

Ceres—Pure white, spotted with purplish rose. Splendid variety for cut flower trade. 10c each, 10 for 70c, 25 for \$1.25.

Contrast—Flowers of great substance, and a beautiful compact spike of perfect form. Color intense scarlet, with a large, distinct pure white centre, which is neither tinted or mottled. 50c each. 10 for \$4.50, 25 for \$10.00.

Dawnray—Long spikes. Deep rose color, with large pure white centre. Exceptionally beautiful. Very vigorous grower. 20c each, 10 for \$1.80, 25 for \$4.00.

Irene—Fine large flowers and spike. Color a fine shade of pink, flaked bright crimson. Fine florists' variety. 15c each, 10 for \$1.20, 25 for \$2.50.

GRAND NAMED GLADIOLUS



Princeps.

Mephistopheles—Flowers of large size, dark red, stained with black and yellow. 20c each, 10 for \$1.70, 25 for \$3.75.

Mrs. Francis King—One of the best florists' sorts, with large flowers and stalk, and handsome appearance. The color, brilliant flamingo pink, blazed with vermillion red, is most effective, both in daylight and artificial light. 10c each, 10 for 80c, 25 for \$1.50.

Morning Star—Flowers, snowy white, with a large, rich, velvety crimson throat. Exceedingly striking and beautiful, and the earliest to bloom of all. Each 25c, 10 for \$2.25, 25 for \$5.00.

Niagara—The flowers measure $4\frac{1}{2}$ inches across. The color is a delightful cream shade, with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. The stamens are purple and the stigmas pale carmine, this little addition in the coloring relieving the creamy effect of the petals. The lower spike is very erect and stout, and is wrapped with broad, dark green foliage. 50c each, 10 for \$4.50, 25 for \$10.00.

Octoroon—A beautiful salmon pink, very distinct; fine for florists. 15c each, 10 for \$1.40, 25 for \$3.00.

Princeps—(The Amaryllis-flowered Gladiolus)—Color rich crimson, with broad white blotches across the lower petals, making a most striking variety. A magnificent spike covered with bloom, the flowers being 5 inches across. 15c each, 10 for \$1.40, 25 for \$3.00.

Peace—One of the grandest Gladioli. The plant is striking and attractive, with tall erect stalk or spike; flowers of beautiful form; a magnificent white, with pale lilac feathering on the interior petals. 30c each, 10 for \$2.50.

Rose Spray—White, beautifully sprayed rose. Large and fine. One of the very best. 15c each, 10 for \$1.30, 25 for \$3.00.

Sulphur King—Beautiful clean sulphur yellow, finest and clearest of yellow sorts. 30c each, 10 for \$2.75, 25 for \$6.25.

Scribe—A beautiful, large, well-opened flower, and an enormous spike. Color like the fine old Eugene Scribe, tinted white, freely striped carmine. Each 15c, 10 for \$1.20, 25 for \$2.50.

Shakespeare—White, very slightly suffused with carmine-rose; large rosy blotch. Each 15c, 10 for \$1.40, 25 for \$3.00.

Wm. Falconer—Spike of great length and flowers of enormous size. Beautiful clear, light pink. Fine florists' variety. 15c each, 10 for \$1.40, 25 for \$3.00.

Wild Rose—Very bright rose of blush tint. Exceedingly delicate and pretty. Splendid for florists. 20c each, 10 for \$1.70, 25 for \$3.75.

1 each of above fine collection, 29 for \$5.00.

1 each of 10 of above, our choice, for \$1.00.



Kunderdi Glory.

LILIUM HENRYI---The Glorious Yellow Speciosum Lily

A splendid lily from the mountains of China, with a strong and vigorous constitution, throwing up immense panicles of flowers similar in form to Speciosums, but the color is a deep orange-yellow, banded with green. Very easy of culture and sure to delight everyone. Slight protection in winter is a good thing in the North. 60c each, postpaid.

CALLA ELLIOTTIANA

This is the great new yellow Calla of marvellous beauty. Flowers are very large, rich, deep golden yellow, often 4 or 5 inches across the mouth, leaves are spotted with white. Such handsome foliage, together with such remarkable flowers, present a striking appearance indeed. 40c each, postpaid.

DAHLIAS

We offer below a superb collection of Dahlias of various types, specially grown for us by one of our leading florists. Plant when the ground is dry and warm, from middle of May to middle of June, in rich, loamy soil at a distance of not less than 2½ or 3 feet, water frequently after planting and tie to stakes. A little pruning and thinning out will produce extra large blooms. About the middle of October take up the roots and place on shelves in a dry cellar, free from frost.

SUPERB DOUBLE SHOW AND FANCY DAHLIAS

A. D. Livoni—Beautiful soft pink, with quilled petals, full to the centre, of large size. A very early and profuse blooming variety.

Amazon—Yellow, edged red. Large bloom, produced in profusion.

Arabella—Color, pale primrose, tipped and shaded old rose and lavender, of fine form.

Bird of Passage—Very attractive Dahlia, faintly suffused and heavily tipped deep carmine rose.

Black Diamond—A rich, dark maroon, large and very beautiful.

British Splendor—Bright red, large, full bloom of fine form.

Cuban Giant—Very large, bright maroon, early and free flowering. 25c each.

Crimson Ball—Crimson-purple, in constant bloom, very showy.

Glowing Coal—Bright, glowing scarlet, of exceedingly attractive color. Flowers good size and free blooming.

Grand Sultan—Salmon-buff, marked with crimson, a very fine variety.

Jarkoshy—A beautiful mottled variety; crimson, yellow and white; very full.

Jessie McIntosh—Red, tipped white, large, double and attractive flowers.

La Phare—Fine bright red, long stems, splendid.

Lieberheimer—Red, tipped white; pretty, free flowering.

Lemon Giant—Very large, fine shade of yellow.

Mary D. Halloch—Pure yellow, free blooming, fine for cutting.

Mrs. Gladstone—Delicate soft pink, large and splendid form, the finest pink Dahlia.

Penelope—White, flaked lavender; one of the best.

Queen Victoria—Bright yellow, very double and good form.

Red Hussar—Cardinal red, long stems.

DECORATIVE DAHLIAS.

Albion—White, large and productive.

Catharine Duer—Rich, glowing red, large flower.

Clifford W. Bruton—Canary yellow, of fine form, and profuse bloomer. Flowers of very large size.

Electric—Red, large and brilliant.

Jack Rose—Bright, velvety red, fairly large flower, produced in abundance; splendid.

Maid of Kent—Cherry red, tipped white, sometimes a solid color, when it is a superb red.

Mrs. Charles Turner—Pure yellow, free blooming.

Nymphaea—Clear, shrimp pink, lighter towards centre.

Oban—Very large, rosy lavender, overlaid with delicate silvery fawn.

DAHLIA PRICES

Where not priced, all Named Dahlia Bulbs are 20c each, \$2.00 dozen here; 22c each, \$2.20 dozen postpaid.

To obtain dozen price, 6 or more must be ordered and each bulb can be a different variety.



Cactus Dahlia—Countess of Lonsdale.

DECORATIVE DAHLIAS—Continued.

Souvenir de Gustave Doazon—Immense flowers borne in profusion, rich scarlet. 25c each.

Sylvia—Centre white, shaded to soft pink on the outer petals; very large flowers of fine form.

Yellow Duke—Of immense size, pure canary-yellow, flowers borne on long, stiff stems.

Zulu—Jet black, changing to black-maroon as the flowers fully expand.

CACTUS DAHLIAS.

This variety of the Dahlia has become very popular, and deservedly so, for their many forms and colors are decidedly attractive, and no garden should be without them.

Captain Broad—Glowing crimson-scarlet, large.

Countess of Lonsdale—Beautiful shade of rich, salmon-tinted apricot, large flowers of fine form. A splendid variety.

Floradora—Color beautiful glistening scarlet-crimson, fine cactus form, full to the centre with fine pointed petals.

J. H. Jackson—Brilliant crimson-maroon, beautiful and free flowering. 25c each.

Jealousy—Canary-yellow, large and of rich color, florets very pointed. 25c each.

Mme. Henry Cayeux—Beautiful light rose-pink, centre fading to nearly white, very long, narrow petals; one of the finest varieties. 30c each.

Miss D. Oliver—Primrose-yellow, growing lighter towards tips; attractive.

Mrs. J. P. Mace—The best and finest shaped bluish-pink variety, very delicate and pleasing color. 25c each.

Premier—Crimson-scarlet, petals narrow and incurved.

Purple Gem—A deep purple, large and productive.

Rosy Morn—Peach blossom, somewhat paler towards base; large flowers of excellent form.

Wm. Marshall—Of gigantic dimensions and finest form; color rich orange, centre bright yellow. 25c each.

See next page for prices.

DAHLIAS---Continued.

SINGLE DAHLIAS.

Alba Superba—Finest pure snow-white, strong grower and profuse bloomer.

Ami Barrillet—Richest garnet, with rich purplish-maroon foliage; valuable variety.

Crimson Century—Glowing crimson, tipped white, exceedingly effective.

Danish Cross—Bright scarlet, with white stripe through the centre of each petal.

St. Mary—Yellow, very bright, large flower.

Twentieth Century—Rosy-carmine, tipped white.

POMPON DAHLIAS.

This class produces small, very double flowers, which are ideal for bouquet work. Bushy plants about 2½ feet in height.

Purity—Pure white, double.

Snow Clad—A fine double pure white.

PÆONY FLOWERED DAHLIA

Queen Emma—A charming shade of hollyhock pink, the inner petals banded with gold, a beautiful variety.

COLLARETTE DAHLIA.

Maurice Rivorire—An attractive flower, with petals of ox-blood red, with deeper stripe down the centre; pure white fringed collar. 25c each.

Prices—Named Dahlias:

Unless otherwise stated, 20c each, \$2.00 dozen.

By mail, postpaid, 22c each, \$2.20 dozen.

PRICES—MIXED DAHLIAS

10c each, \$1.00 dozen. By mail, postpaid, 12c each, \$1.20 dozen.

LILIES AND VARIOUS BULBS, ETC.

	Each.	Per doz.		Each.	Per doz.
Lilium Auratum —(Golden Japan) ..	20c	\$1 80	Tigridias —Mixed ..	10c	\$1 00
" Elegans —Mixed, many colors. ..	15c	1 50	Fairy Lilies —White and rose..	10c	1 00
" Lancifolium —Album, white Japan	20c	1 80	Chlidanthus Fragrans —Yellow ..	15c	1 20
" "— Rubrum , red Japan ..	20c	1 80	Hyacinthus Candicans —White. ..	10c	1 00
" "— Melpomene , white and red	20c	1 80	Ismene Giant —White, magnificent ..	20c	1 80
" Pardalinum —(Leopard) ..	15c	1 50	Madeira Vines ..	5c	50
" Tigrinum —(Tiger)—Double. ..	15c	1 50	Cinnamon Vine Roots ..	10c	1 00
" Umbellatum —Many colors. ..	15c	1 50	Tuberous Rooted Wistaria —Climber..	10c	1 00
" Wallacei —Bright Apricot ..	15c	1 50	Montbretia —Mixed ..	10c	1 00
" Tenuifolium —Coral red. ..	15c	1 50	Emerald Vine ..	10c	1 00
" Superbum —Orange red..	15c	1 50	Helianti —White Tuber—Flower yellow	10c	1 00
Spider Lily ..	20c	1 80	Helianti —Pink Tuber—Flower yellow	10c	1 00

Bulbs quoted singly are postpaid; add for postage to Canadian points 12c per dozen to above prices.

GLOXINIAS AND TUBEROUS BEGONIAS

Our stock of these beautiful and interesting plants is from a celebrated continental grower, and can be recommended with confidence. The Begonias make splendid plants for outdoors. Start in pots inside in March or April, and plant out in June. They require lots of water and to be planted in the shade. We offer dormant flowering bulbs of the following, prices postpaid:

	Each.	Per doz.
Gloxinias —Separate colors, White, Scarlet with white throat, Tigered and Spotted ..	20c	\$2 00
Gloxinias —Mixed colors ..	15c	1 50
Begonias —Single, separate colors, White, Pink		
Crimson, Scarlet and Yellow ..	15c	1 50
Begonias —Single, mixed colors ..	10c	1 00
Begonias —Double, separate colors, White, Pink		
Crimson, Scarlet and Yellow ..	20c	2 00
Begonias —Double, mixed colors ..	15c	1 50
Begonias —Frilled—The edges are like Californian Giant Petunias, Scarlet, White, Pink		
Yellow ..	25c	2 00



Gloxinias.

DOUBLE TUBEROSE

The fragrance and beauty of the Tuberose has made it a favorite with all. It keeps in bloom for a lengthened period, and its pure white wax-like flowers are produced on long spikes. Plant in the open ground in May; the bulbs can be started much earlier in pots if desired. Place in a sunny spot in a rich soil and cover the top of the bulbs to the depth of an inch.

The Pearl—Large flowering roots, first size. Each 5c, per doz. 30c, per 100 \$2.00. Add for postage to Canadian points 10c doz., 50c per 100.

Single, Orange-Scented—A fine early sort, with beautiful orange-like flowers. 5c each, doz. 40c., \$3.00 per 100. Add for postage to Canadian points, 10c dozen, 50c per 100.

Single Albino—Early bloomer, dwarf habit, flowers waxy-white, single, fragrant, 5c each, doz. 40c, \$3.00 per 100. Add for postage to Canadian points, 10c per doz., 50c per 100.

COLOCASIA (CALADIUM) ESCULENTUM (ELEPHANT'S EAR)

One of the most beautiful and striking of the ornamental foliage plants, either for cultivation in large pots or tubs, or for planting out on the lawn. Extra large, 20c each; \$2.00 per doz. Large, 12c each, \$1.20 per doz. Good, 10c each, \$1 doz. Fancy leaved varieties, 20c each, \$2.00 per doz., postpaid.

PLANT DEPARTMENT

Where not otherwise specified, add for postage 5c for all orders under five plants; over five plants at rate of 10c per ten. It will be noted some plants can only be sent by express.

BY EXPRESS—We recommend customers to order their Plants by express whenever it is possible, as the stock we send is larger and is shipped so as to protect the roots more carefully.

SAFE ARRIVAL GUARANTEED—We guarantee all plants to arrive in good condition. Any complaints must be made within one week after the plants have been received. We will then replace any which may not have arrived in good growing condition, but we cannot be held responsible for plants dying afterwards from neglect or any other cause. We do not pay Express or Freight Charges.

ABUTILONS—Flowering Maples.

Always popular for pots, vases and baskets. Their flowers are perfect bell-shaped, and appear in masses all summer.

Crimson King—New—Dark glowing crimson, fine habit.

Eclipse—Trailing habit, flower yellow and brown, foliage green, spotted yellow.

Savitzi—The large, deep green foliage, with a broad white margin, makes a fine contrast; of dwarf, compact growth.

Price, each 20c; 3 for 50c.



Asparagus Plumosus Nanus.

ASPARAGUS.

Plumosus Nanus—Climbing Lace Fern—A most graceful plant, with bright green, gracefully arched foliage beautiful decorative plant. Each 15c, 25c and 35c.

Sprengeri—Especially useful as a pot plant for suspended baskets; fronds are frequently four feet long, of a rich shade of green, excellent for house culture. Each 15c, 25c and 35c.

ARAUCARIA EXCELSA.

(Norfolk Island Pine)—This beautiful house plant resembles the pine somewhat in appearance, though much finer in texture. Each 75c by mail; \$1.00 and \$1.50 by express.

BEGONIA REX

These are grown for their gorgeous variegated foliage, and are desirable plants for house culture. Our assortment is unequalled. Each 20c, 3 for 50c.

CHRYSANTHEMUMS.

Golden Glow—Incurved, bright yellow, large early. Each 20c.

Golden Wedding—Shines like burnished gold; mid-season. Each 15c.

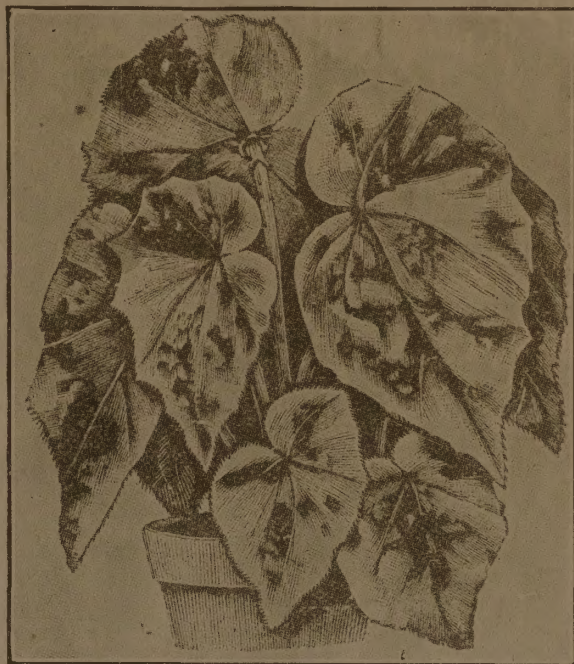
Ivory—Snow white, perfect form; mid-season. Each 15c.

Major Bonaffon—Soft, clear yellow; mid-season. Each 15c.

Minnie Bailey—Bright pink of exceptional beauty; mid-season. Each 15c.

Robert Halliday—Early, yellow. Each 15c.

Special Offer—Set of six for 75c.



Begonia Manicata Aurea.

BEGONIAS—Flowering Varieties.

New Ontario—New—One of the finest, flowers are large, creamy-white, with just sufficient pink to give them a bright, cheerful glow, the foliage is a bronzy-green above and red below. Each 20c.

Argentea Guttata—Foliage large size, green, spotted with silver. Each 15c.

Manicata Aurea—Large, glossy leaves, beautifully blotched with creamy-white. Flowers delicate blush white, on long stems. Each 20c.

Metallica—Large, glossy leaves, shaded with green, crimson and olive. Large pink flowers. Each 20c.

Thurstoni—A beautiful stately plant, with remarkably handsome glossy foliage. Flowers rosy white, in large clusters, well above the foliage. Each 15c.

Special Offer—Set of five for 75c.

COLEUS.

Beautiful foliage plants, splendid for bedding. 10c each, \$1.00 dozen, \$6.00 per 100 by express.

Beckwith's Gem—Crimson-maroon, bordered green and gold.

Blizzard—Bright red, yellow margin.

Golden Bedder—The standard yellow bedding variety.

Louise Beck—Chocolate brown.

Verschaffeti—Bright crimson; a splendid variety.

LARGE LEAVED COLEUS.

Brilliancy—Very large leaves of bright carmine, shading off to a deep maroon. Each 20c.

Alex. Reid—Beautifully variegated colors, brown and carmine, with greenish-yellow edge, changing to deep carmine-red; leaf large, with serrated edges. Each 15c.



Cannas.

CANNAS—Beautiful Bedding Plants.

Dormant Roots—Each 10c, dozen \$1.00, by mail, except where priced.

Strong plants, ready for planting out, for shipment in May, by express only, each 20c, dozen \$2.00, except where priced.

Alphonse Bouvier—5 ft. Crimson flowers.

Austria—5 ft; canary yellow, orchid flowered.

Beaute Poitevine—3 ft. Brilliant crimson-scarlet.

Black Beauty—5 ft. Foliage deep crimson bronze, scarlet flower. Each 15c, plants 25c.

Buttercup—3 ft. Deep buttercup yellow; large.

Crimson Bedder—3 ft. Intense scarlet. Each 15c, plants 25c.

Express—3 ft. Bright scarlet crimson.

Explorateur Crampbell—4½ ft. Deep, rich crimson.

Gladiator—4 ft. Bright yellow, spotted crimson; enormous trusses. Each 15c, plants 25c.

Italia—5 ft. Yellow and red, effective.

J. D. Eisle—3½ ft. Bright vermillion scarlet, overlaid with orange, very fine variety.

King Edward—5 ft. Bright red.

King Humbert—New—4 ft. Giant orange scarlet flower, bronze leaf. Splendid variety. Each 15c, 12 for \$1.50. Plants, by express, 25c each, 12 for \$2.50.

Mlle. Berat—3½ ft. Exquisite shade of pink.

Mrs. Kate Gray—5 ft. Orchid flowered, scarlet and yellow.

Niagara—3½ ft. Rich deep scarlet, edged yellow.

President Meyer—4 ft. Rich, cherry carmine, immense trusses.

Progression—4 ft. Yellow, spotted red.

Richard Wallace—4½ ft. Canary-yellow, large flowers; a fine variety.

Tarrytown—3 ft. Dark crimson.

CYCLAMEN.

Giant Flowered—Beautiful winter blooming plants; most satisfactory for house culture. Rose, white, salmon and crimson. Each 20c.

CARNATIONS—Everblooming.

Enchantress—A pleasing shade of light pink. Each 15c.

Harlowarden—Large flowering crimson. Ea. 15c.

Rose-Pink Enchantress—New—Beautiful deep rose color. Each 20c.

Beacon—New—Bright scarlet, splendid. Ea. 20c

White Perfection—The largest pure white yet introduced. Each 20c.

FUCHSIAS.

15c each, 3 for 40c.

Berlin Kind—Double purple corolla.

Black Prince—Deep rose-pink, single.

Gloire des Marches—(Double)—A vigorous upright grower; blush white petals, bright coral colored sepals.

Trophee—Double, purple, superb variety.

GERANIUMS.

Best Double Sorts.

Alphonse Riccard—Bright vermillion scarlet.

Beaute Poitevine—Salmon pink.

Madame Barney—Large, the purest deep pink.

Peter Henderson—Fine bedder, light vermillion.

C. Morel—The truss is enormous, glowing scarlet.

Mme. H. Buchner—One of the best whites for bedding.

Jean Viaud—Silvery pink, very large flower.

John Doyle—Soft scarlet, trusses large size.

Marquis de Castellaine—Bright red, fine bedder.

S. A. Nutt—Dark crimson, finest of its color.

Best Single Sorts.

Dryden—A grand bedder, bright rosy red, with large white blotches.

Gertrude Pearson—Pure rose pink, with white blotch.

Mrs. E. G. Hill—Salmon pink, large truss.

John P. Cleary—Deep orange-scarlet.

Paul Crampel—Brilliant shade of vermillion scarlet.

Tiffin—Scarlet, large trusses.

Each 15c, dozen \$1.50; large plants by express, each 20c, \$2.00 dozen.

IVY LEAVED GERANIUMS.

Splendid variety, different colors. Each 15c, dozen \$1.50.

SWEET-SCENTED GERANIUMS.

Our collection contains Rose, Balm, Lemon and other sweet scented varieties. Ea. 20c, doz. \$2.00.

SILVER LEAVED GERANIUMS.

Wm. Languth, double bright red flowers. Silver Leaved S. A. Nutt, double crimson flowers; Mme. Salleri, silver foliage only. Each 20c, dozen \$2.00.



Cyclamen.

Fern, *Elegantissima Compacta*.

FERNS

Elegantissima Improved—A dwarf variety of the *Elegantissima*, making a splendid fern for the table.

Elegantissima Compacta—A beautifully compact and dwarf fern, one of the finest of table plants, fronds are finely divided.

Whitmanii—(Improved Ostrich Plume Fern)—Not only is the pinnae on the fronds finely divided, but the fronds are dense, broad and graceful.

Todeaoides—(Todea, or Filmy Fern)—It is of strong, compact growth, with bold, heavy foliage, the pinnae of which is finely divided.

Boston—This is a wonderfully healthy, rapid growing and graceful house plant. In great demand.

Elegantissima—Feathery, plume-like fronds, producing an exquisite and beautiful effect.

Prices—Each 20c and 30c. **Specimen Plants**—75c, \$1.00, \$1.50 and \$2.00 each, by express.

Assorted Ferns—Maiden Hair, Pteris, Holly Fern and many other popular varieties, suitable for fern dishes. Each 15c, 3 for 40c.

HYDRANGEA.

Otaksa Monstrosa—Handsome rosy carmine flowers; it has the rare quality of blooming when very small. Each 20c.

DOUBLE BLUE LOBELIA.

Kathleen Mallard—Large double flowers of an intense rich deep blue color. Most desirable plant. Fine for bedding. Each 15c, dozen \$1.50.

OTAHEITE ORANGE.

This beautiful dwarf orange tree is one of our prettiest house plants; thick, glossy green leaves and sweet scented pure white flowers; begins fruiting at once, and bears flowers and golden-yellow oranges all the year. Easily grown and requires little care. Fruit edible. Each 25c, large plants, each 50c.

BRUCE'S SUPERB DOUBLE FRINGED PETUNIAS.

Beautifully fringed plants, in a large variety of colors, splendid for bedding purposes, also as a pot plant. Each 15c, dozen \$1.50.

PELARGONIUMS.

(Lady Washington Geraniums). They are well adapted for pot and greenhouse plants, but unsuitable for bedding purposes; the flowers are very large and showy, the petals of which are usually blotched and striped. Each 20c, doz. \$2.00.

IVY.

Each 15c, 3 for 40c.

English—Excellent for cultivation in the house, brilliant green leaves.

German or Parlor Ivy—Rapid growing, adapted for covering trellis work, etc.

Irish Ivy—The hardiest of all Ivies; narrow, elongated leaves.

OLEANDERS.

Set of 3 Varieties for 60c.

These old-fashioned shrubs are becoming immensely popular again.

Rosea—Double pink flowers, very sweet. Ea. 25c.

Lilian Henderson—Has double white flowers of the largest size, fragrant. Each 25c.

Lutea—Double primrose yellow flowers; lovely shade; fragrant. Each 25c.

PALM, KENTIA BELMOREANA.

This is sometimes called the Curly Palm, and is recognized as among the best for all purposes, being capable of standing more ill-usage than any other. The leaves have a tendency to curl as the plants grow older, hence the popular title of Curly Palm. Each 60c, \$1.00 and \$1.50 by mail; \$2.50 \$3.50 and \$5.00 by express.

PALM, KENTIA FORSTERIANA.

The leaf segments droop instead of curving upwards, as in *Kentia Belmoreana*, which it much resembles in other fine points. Each 75c and \$1.25 by mail; \$2.00 and \$3.50 by express.

PRIMULA.

Obconica, New Gigantea—It is in full bloom the greater part of the year, producing trusses of very large fringed flowers in many colors. Ea. 20c.

Chinese—Charming profuse blooming plants, indispensable for winter and spring decoration in the house. Each 20c.

PONDEROSA LEMON.

Can be as easily grown in a pot as a geranium; produces fruit weighing from 1 to 3 pounds each. Has large, deep green leaves and pure waxy-like flowers, that are as fragrant as orange blossoms. The enormous lemons are delicious. Each 25c, large plants, each 50c.

Assorted Plants for Hanging Baskets, Vases
Window Boxes. Dozen \$1.00.



Boston Fern.

MISCELLANEOUS PLANTS

Ageratum—10c each, \$1.00 dozen.
Irisene (*Achyranthus*)—Dwarf red; tall red; fine bedding plants. Each 10c, \$1.00 dozen.
Alternanthera—Red and yellow, for carpet beds and borders. Each 10c, doz. \$1.00.
Cuphea—(Cigar Plant)—Each 10c, \$1.00 doz.
Tradescantia—Wandering Jew—Each 10c.

Hibiscus—(Peach Blow)—Beautiful double pink flowers. Fine decorative plant. Each 20c.
Heliotrope—Dark blue, light blue. 15c each, \$1.50 dozen.
Salvia—(Fireball)—Each 15c, dozen \$1.50.
Vincas—Variegated and green trailing plants. Each 15c, dozen \$1.50.

HARDY CLIMBING PLANTS

Akebia Quinata — A Japanese twining plant, dark green foliage, fragrant rosy-purple flowers. Each 30c.

Ampelopsis Veitchii — (Boston Ivy) — Grows rapidly, clings firmly to any wall, tree, etc. Leaves olive green, changing to scarlet in autumn. 1 year, each 20c, 4 for 70c, doz. \$2.00; 2 year, each 30c, 4 for \$1.10, doz. \$3.00; 3 year, each 40c, 3 for \$1.10, doz. \$4.00.



Chinese Wistaria.

Ampelopsis Engelmanni—(Engelman's Ivy)—The hardiest, best and quickest growing climbers for the north and northwest. Quite similar to the Virginia Creeper, but superior to it. The leaves color up beautifully in the fall. 1 year 25c, 4 for 90c, dozen \$2.50. 2 year 35c, 4 for \$1.25, doz. \$3.50.

Ampelopsis Quinquifolia—(Virginia Creeper or Woodbine)—Luxuriant in growth, with handsome foliage, turning to bright crimson in the fall. Very hardy vine for covering old tree trunks, walls or fences. 1 year each 20c, 4 for 70c, dozen \$2.00. 2 year, each 30c, 4 for \$1.10, dozen \$3.00.

Aristolochia Sipho — Dutchman's Pipe — A vigorous growing twiner, brownish colored flowers, resembling a Dutchman's pipe. Leaves light green and very large. Each 35c; large, each 75c.

Bignonia Radicans—Trumpet Vine—Useful for covering unsightly places; flowers are dark red, orange throats, large and trumpet-shaped. Ea. 30c.

Celastrus Scandens—Climbing Bitter Sweet—Handsome large leaves, yellow flowers in May and June and clusters of ornamental orange capsuled fruit in autumn. Each 30c.

CLEMATIS—Large flowered varieties. Very popular hardy climbers, remarkable for their beauty. Each, 2 year, 50c; 3 year, 75c. **Sieboldi**—Lavender, very fine. **Henryii**—Beautiful creamy white. **Jackmanii**—Rich, velvety, violet-purple. **Mme. Baron Veillard**—Light rose, lilac shadings, handsome. **Duchess of Edinburgh**—Double white. **Ville de Lyon**—A splendid bright red variety.

Clematis Paniculata—Glossy green foliage, flowers are white, star-shaped and borne in large clusters, fragrant. 2 year, each 25c, dozen \$2.50. 3 year, each 35c, dozen \$3.50.

Clematis Coccinea—Bell-shaped flowers, bright coral red, blooms from June till frost. Each 50c.

HONEYSUCKLE—Scarlet Trumpet—Produces scarlet flowers all summer. Each 35c, dozen \$3.50. **Hall's Japan**—Vigorous growth, white flowers, changing to yellow. Each 30c, dozen \$3.00. **Belgian**—Sweet Scented Monthly—Fine red and yellow flowers. Each 30c, dozen \$3.00.

Lycium Barbarum—Matrimony Vine—Will adapt itself to any condition. Small purplish flowers, followed by a large crop of scarlet berries. Each 30c, dozen \$3.00.

White Chinese Wistaria—Large drooping clusters of lovely pea-shaped flowers, sweet scented, it grows strong and high, makes a pretty leafy screen. Each 50c. Extra large plants, each \$1.00.

Blue Chinese Wistaria—One of the most beautiful of the Wistarias. Produces large clusters of rich, violet-blue flowers, richly perfumed. Each 50c. Extra large plants, each \$1.00.

SMALL FRUITS--CHOICE COLLECTION

CURRANTS.			
	Each	Doz.	100
Fay's Prolific, red	20c	\$1 50	\$8 00
Black Naples	20c	1 50	8 00
Bang Up, black	20c	1 50	8 00
Ogden's Black	20c	1 50	8 00
Red Cherry	20c	1 50	8 00
GRAPES.			
	Each	Four	Doz.
Concord—Black, large	25c	90c	\$2 00
Lindley—Red, fine quality	25c	90c	2 00
Niagara—Splendid white	25c	90c	2 00
Worden—Black, splendid	25c	90c	2 00

GOOSEBERRIES.

	Each	Doz.
Strong, two-year old plants.		
Downing—Large green, prolific	25c	\$2 50
Industry—Red, productive, English	25c	2 50
Lancashire Lad—Red, large, English	30c	3 00
May Duke—Red, fine English	30c	3 00
White Lion—White, prolific, English	30c	3 00

SAGE ROOTS—Each 10c, 3 for 25c.

MINT ROOTS—Each 10c, 3 for 25c.

RASPBERRIES.			
	Each	Doz.	100
Herbert, crimson, hardy, heaviest yielder	25c	\$2 50	
Cuthbert, large, rich crimson	15c	1 25	4 50
Columbian, large red	15c	1 50	5 00
Golden Queen, yellow, large	15c	1 50	5 00
Gregg, Black Cap, fine	15c	1 50	5 00
Cumberland, grand blackcap	15c	1 50	5 00

STRAWBERRIES.

Williams—Late, large fruit, crimson, flesh whitish-pink; good shipper.

Lovett's Early—Large, bright color.

Komoka—New—Early, enormous size, bright scarlet.

Bederwood—Early, sweet, large crimson-color.

Carlton—Medium, large firm and fine quality.

Parson's Beauty—Medium.

Price, 30c doz., \$1.75 per 100, postpaid.

Price, \$1.25 per 100; \$8.00 per 1000 by express.

NEW ROSES

Strong, two-year-old field grown plants.

Edward Mawley (H. T.)—Deep velvety crimson, of enormous size, sweetly perfumed. Each 75c.

Erna Teschendorf—A beautiful new Baby Rambler; color brilliant red. Each 50c.

Jonkheer J. L. Mock (H.T.)—Deep imperial pink, reverse of petals silvery rose-white; very profuse bloomer, highly scented. Each 50c.

Lady Hillington (H.T.)—Deep, orange-yellow, long pointed bud, in continuous bloom. Each 50c.

Rayon d'Or (H. T.)—The buds are a deep apricot, splashed with red, opening a rich yellow. Ea. 50c.

HARDY FRAGRANT HYBRID PERPETUAL ROSES

Extra Strong Two-year-old Field Grown Plants.

Anna de Diesbach—Bright pink, full and double.

Alfred Colomb—Cherry-crimson; large, globular flowers.

Baron de Bonstetten—Rich, dark red, splendid large flowers.

Baron de Rothschild—Rich, satiny pink, very large.

Clio—Flesh color, shaded rosy-pink; large flowers.

Captain Christy—Delicate flesh pink, rosy centre.

Duke of Connaught—Bright, velvety crimson.

Fisher Holmes—Dark scarlet, large flowers.

Frau Karl Druschki—Pure snow white, long buds, large.

General Jacqueminot—Bright red, velvety, fragrant.

Hugh Dickson—Brilliant crimson, shaded scarlet, large pointed flowers.

Jean Liabaud—Rich, velvety crimson, shaded black.

John Hopper—Bright rose, reverse of petals pale lilac, large and double.

Mme. Charles Wood—Bright, fiery red, large and very double.

Mme. Gabriel Luizet—Pale pink, a beautiful color.

Madame Plantier—Pure white double flowers, vigorous grower.

Magna Charta—Deep pink, large, fragrant and vigorous.

Margaret Dickson—White, pale flesh centre, petals large

Marshall P. Wilder—Cherry carmine, large flowers.

Mrs. John Laing—Soft pink, fragrant, free flowering.

Mrs. R. G. Sharman Crawford—Deep rosy-pink, outer petal shaded with pale flesh color.

Paul Neyron—Deep, shining rose, very large flowers.

Prince Camille de Rohan—Deep velvety-crimson, shaded black.

Ulrich Brunner—Cherry crimson, large size, fine form.

See top of next column for prices.

HARDY EVER-BLOOMING HYBRID TEA ROSES

Strong, two-year-old, field-grown plants. A selection from this collection, which contains many new varieties, will keep one in roses all summer, all perfectly hardy, with light protection during the winter.

American Beauty—Rich crimson, large and fragrant.

Belle Siebrecht—Brilliant pink, superb.

Betty—Glowing coppery-rose, suffused yellow, perfumed.

Clothilde Soupert—White, shading to a deep pink at centre.

Countess of Gosford—Clear salmon-pink, large, delightful rose.

Dean Hole—Silvery carmine, with salmon shading; large, fine form.

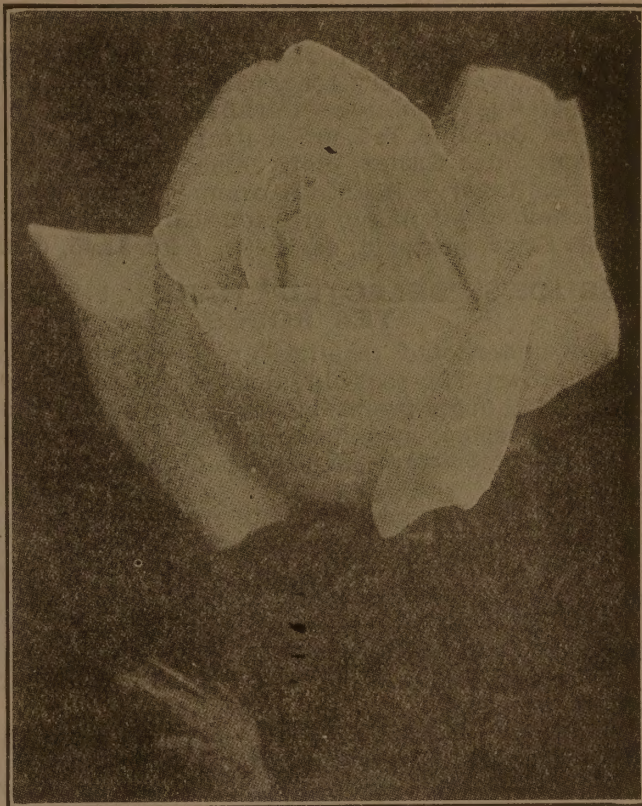
Etoile de France—Brilliant shade of clear red-crimson velvet, of striking beauty.

General McArthur—Rich crimson scarlet, sweet-scented.

Gruss au Teplitz—Brightest scarlet-crimson, full and cupped, very prolific.

J. B. Clark—Deep scarlet, heavily shaded with blackish crimson; vigorous.

Kaiserin Augusta Victoria—Pearly white, beautiful variety.



Frau Karl Druschki (Snow Queen), Rose.

HARDY FRAGRANT HYBRID PERPETUAL ROSES—Continued.

Price, postpaid, each 30c, 4 for \$1.10, dozen \$3.00.
By express, each 25c, 4 for 90c, dozen \$2.50.

BRUCE'S "SELECTED" HYBRID PERPETUAL ROSES

Specially selected low budded stock. Strong two-year-old, field-grown plants.

Frau Karl Druschki (Snow Queen)—Pure snow white, large and free flowering.

General Jacqueminot—Bright red, velvety, fragrant.

Louis Van Houtte—Reddish scarlet, unique.

Mme. Gabriel Luizet—Pale pink, beautiful variety.

Magna Charta—Deep pink, fragrant, vigorous.

Mrs. John Laing—Soft pink, fragrant, free flowering.

Margaret Dickson—White, pale flesh centre, very large.

Ulrich Brunner—Cherry crimson, large size, fine form.

Xavier Olibo—Velvety black, shaded with fiery red, large and good.

Price, postpaid, each 40c, 4 for \$1.45, dozen \$4.00.
By express, each 35c, 4 for \$1.30, dozen \$3.50.

**SEE PAGE 84
FOR OTHER VARIETIES
ALSO PRICES**

HARDY EVER-BLOOMING HYBRID TEA ROSES—Continued.

Killarney—Beautiful silvery pink, very hardy.

La France—Silvery rose, pale lilac shading.

Mme. Abel Chatenay—Carmine rose, shaded with salmon.

Mme. Caroline Testout—Satiny rose, splendid bedding variety.

Mme. Jules Grolez—Soft china rose, passing to a clear, satiny pink.

Mme. Ravary—Beautiful orange-yellow.

Richmond—Brilliant crimson-scarlet.

Price, postpaid, each 40c, 4 for \$1.45, doz. \$4. By express, 35c, 4 for \$1.30, doz. \$3.50.

BRUCE'S "SELECTED" HARDY HYBRID TEA ROSES

The undernoted varieties are low budded, specially grown two-year-old stock; not so vigorous looking, though preferable to the ordinary stock. When ordering, use the term "Selected."

Clothilde Soupert—White, shading to deep pink at centre.

Etoile de France—Brilliant shade of clear red-crimson velvet, a variety of great excellence.

Gruss an Teplitz—Brightest scarlet-crimson, full and cupped, very prolific.

J. B. Clark—Deep scarlet, heavily shaded with blackest crimson, vigorous.

Kaiserin Augusta Victoria—Pearly white, fragrant, graceful.

Killarney—Beautiful silvery-pink, very hardy.

La France—Silvery rose, pale lilac shading.

Maman Cochet—Rich, rosy pink, strong grower, exquisite.

Mme. Caroline Testout—Satiny rose, splendid bedding variety.

Mme. Jules Grolez—Soft china rose, passing to a clear, satiny pink.

Mme. Ravary—Beautiful orange-yellow.

Pharisaer—Rosy-white, shading to soft salmon.

Prince de Bulgarie—Silvery flesh color, shaded with salmon-rose, large and double.

Richmond—Brilliant crimson-scarlet.

The Lyon—The colorings of this rose are wonderful; coral-red, shaded with chrome-yellow in the centre, toning to a shrimp pink at the tips; fragrant.

White Killarney—A pure white rose, long buds and large flowers; very handsome.

White Maman Cochet—A very large and beautifully formed white rose.

Price, each 50c, 4 for \$1.85, dozen \$5.00, postpaid. By express, each 45c, 4 for \$1.65, dozen \$4.50.

CLIMBING HYBRID TEA ROSES

Strong, two-year-old, field-grown plants.

Gloire de Dijon—Fawn, shaded salmon, large, good form. 40c each.

Marchal Niel—Bright, golden-yellow, a magnificent rose. 50c each.

EVER-BLOOMING TEA ROSES

Pot grown plants for house culture.

Etoile de France—Scarlet.

Kaiserin Augusta Victoria—White.

Killarney—Shell-pink.

Lady Hillington—Yellow.

Maman Cochet—Rosy-pink, a fine rose.

Mme. Jules Grolez—Pretty pink.

Richmond—Glowing scarlet.

Price, each 25c, 4 for 90c, dozen \$2.50, postpaid. By express, each 22c, 4 for 80c, dozen \$2.20.

AUSTRIAN, OR YELLOW BRIAR

Strong, two-year-old, field-grown plants.

Harrison's Yellow—Fine double, golden flowers.

Persian Yellow—Deep yellow, double, hardy.

Soleil d'Or (Golden Sun)—Color from orange-yellow to old gold; large and distinct; splendid.

Price, postpaid, each 35c, 4 for \$1.30, dozen \$3.50. By express, each 30c, 4 for \$1.10, dozen \$3.

BABY RAMBLER ROSES

Strong two-year-old field-grown plants.

Catharine Zeimet—Pure white, in large clusters, freely produced.

Jessie—Bright cherry-crimson, splendid variety.

Mme. N. Levavasseur, Crimson Baby Rambler—Identical in every way with the Crimson Rambler, except that it is a dwarf, bushy grower; very profuse bloomer.

Mrs. W. H. Cutbush, Pink Baby Rambler—A beautiful color of cerise-tinted pink, splendid forcing variety.

Orleans—Brilliant geranium-red, with white centre.

Price, postpaid, each 35c, 4 for \$1.30, dozen \$3.50. By express, each 30c, 4 for \$1.10, dozen \$3.00.



Baby Rambler Rose.

MOSS ROSES

Strong two-year-old, field-grown plants.

Salet—Deep pink; Blanche Moreau, white; Wm. Lobb, red. Each 35c, 4 for \$1.30, dozen \$3.50, postpaid. By express, each 30c, 4 for \$1.10, doz. \$3.00.

RUGOSA ROSES

Strong, two-year-old, field-grown plants.

Rugosa Alba—Forms hardy shrub, pure white flowers, red berries in autumn.

Rugosa Rubra—Similar to the white, except the flowers are deep rose.

Conrad F. Meyer—Clear, silvery-rose, large double flowers.

Hansa—Double red, splendid variety.

Mme. Georges Bruant—White, semi-double, large.

Price, each, 30c, 4 for \$1.10, dozen \$3.00, postpaid. By express, each 25c, 4 for 90c, doz. \$2.50.

PENZANCE SWEET BRIAR ROSES

Strong, two-year-old, field grown plants.

Anne de Gierstein—Dark crimson.

Flora McIvor—Pure white, flushed with rose.

Lady Penzance—Beautiful soft tint of copper.

Lord Penzance—Soft shade of fawn.

Lucy Bertram—Deep crimson, with white centre.

English Sweet Briar—Pink flowers, foliage very fragrant. Ea. 30c, 4 for \$1.10, doz. \$3.00, postpaid.

Price, except where noted, postpaid, each 40c, 4 for \$1.45, dozen \$4.00. By express, each 35c, 4 for \$1.30, dozen \$3.50.

HARDY RAMBLER ROSES

Strong two-year-old, field-grown plants.

American Pillar—Enormous single pink flowers in clusters.

Baltimore Belle—Double rose flowers, produced in clusters, splendid.

Crimson Rambler—Bright crimson flowers, produced in large trusses, a grand variety.

Dorothy Perkins—Resembles the Crimson Rambler in habit, beautiful shell-pink, full and double.

Excelsa—Foliage dark, glossy green and mildew proof. Flowers are very double, large, and produced in immense clusters, color intense crimson-maroon. Each 40c.

Flower of Fairfield—A perpetual flowering Crimson Rambler, in bloom all summer.

Gold Finch (New)—Yellow, beautiful. Each 40c.

Hiawatha—Brilliant crimson, large single flowers in trusses.

Lady Gay—A glorified Dorothy Perkins. Delicate cherry-pink, produced in large clusters.

Philadelphia Rambler—Pure, deep, rich crimson, brighter than the Crimson Rambler.

Prairie Queen—Large, bright rosy-red flowers.

Tausendschon—Pink, rosy carmine, large clusters, scented.

Yellow Rambler (Aglai)—Bright yellow, small full flowers, produced in clusters.

Veilchenblau—The blue rose, very popular.

White Dorothy—A white variety of Dorothy Perkins.

White Rambler (Thalia)—Similar to Yellow Rambler, except in color.

Price, except where noted, postpaid, each 30c. 4 for \$1.10, dozen \$3.00. By express, each 25c, 4 for 90c, dozen \$2.50.



Tausendschon Rambler Rose.

STANDARD. OR TREE-SHAPED ROSES

4 to 5 feet high.

Frau Karl Druschki—White.

General Jacqueminot—Bright red.

Magna Charta—Deep pink.

Ulrich Brunner—Cherry crimson.

Queen of Fairfield—Bright crimson.

Price, by express only, each \$1.00.

HARDY EVERGREENS

Shipped with roots in balls of earth wrapped in burlap, except the Norway Spruce and American Arbor Vitae. By express only.

Abies Nordmanniana (Nordman's Silver Fir)—Of symmetrical habit, with intensely dark, massive foliage, silvery beneath. 2-2½ ft., \$2.00.

Juniperus Hibernica—(Irish Juniper)—An erect form, with upright branches growing very close to the main stem, giving it quite a distinct column appearance. 2½-3 ft., \$2.50.

Juniperus Virginiana—(Glauc)—Tapering form, bright, rich, bluish-green foliage. Useful for ornamental planting. 2½-3 ft., \$2.50.

Picea Excelsa—(Norway Spruce)—The most generally used of evergreen trees. Useful for screens and windbreaks on account of its rapid growth. It makes a tall tree, and with room to develop, is of pyramidal, symmetrical growth, its lower branches sweeping the ground. 1-1½ ft., 20c, doz. \$2.00; 1½-2 ft., 30c, doz. \$3.00.

Picea Pungens Glauca Moster—(Koster's Blue Spruce)—This is the most remarkable and conspicuous of all the conifers for ornamental planting. Owing to its magnificent, vivid bluish coloring, it constantly attracts the attention of all lovers of the beautiful; perfectly hardy. 1½-2 ft., \$2.00; 2-2½ ft., \$3.00; 5 ft. \$10.00.

Pinus Cembra (Swiss Stone Pine)—Of thick, regular growth, foliage resembling the White Pine, and quite silvery. 2-2½ ft., \$2.00.

Pinus Mughus (Dwarf Mugho Pine)—Of the highest value where a low, dense spreading growth is desired. Very dark foliage and extremely hardy. 1½-2 ft., \$2.50.

Pinus Parviflora Glauca—Very distinct glaucous form of the well-known species Parviflora. Spreading, well covered branches. 2-2½ ft., \$2.50.

Pinus Strobus (White Pine)—A well grown individual tree, with its light silvery foliage, is

always ornamental. In age this Pine is most impressive. Useful for hedges, as it can be clipped like a shrub. 1½-2 ft., \$1.00.

Retinispora filifera (Thread-branched Japanese Cypress)—Slender, string-like, bright green foliage, drooping in long filaments. Graceful and pyramidal habit. 1½-2 ft., \$1.50; 2-2½ ft., \$2.00.

Retinispora plumosa (Plume-like Japanese Cypress)—One of the hardiest and best. Delicate glaucous foliage. 2½-3 ft., \$2.00.

Retinispora Plumosa Aurea—A striking, fine form of the above and very hardy. Brilliantly golden throughout the season; one of the most desirable. 2½-3 ft., \$2.00.

Retinispora Squarrosa (Veitchii)—An exquisite Japanese form, with steel-colored foliage, which is very fine and feathery. 2-2½ ft., \$2.50.

Taxus Cuspidata Brevifolia—(Japanese Yew)—A low, dense growing shrub, with foliage dark, shining green, tawny yellow beneath. Fruit bright scarlet. 2½ ft., \$2.50.

Thuja occidentalis (American Arborvitae)—Of conical form and rapid growth. Used largely for hedges. 1½-2 ft., each 30c, dozen \$3.00.

Thuja Lutea, Geo. Peabody—A dwarf, dense growing golden variety, holding its color all summer. One of the best for general culture. 1½-2 ft., \$1.00; 3-3½ ft., \$3.00.

Thuja Vervaeana—A fine hardy variety in which the green is singularly intermixed with a predominating shade of golden yellow. 3-3½ ft., \$2.50.

READ THIS Plants that are sent by mail have but little soil left on them, and they should receive very careful treatment especially the first few days after their arrival. If they look wilted put them in lukewarm water for fifteen or twenty minutes; this will greatly revive them.

HARDY SHRUBS

These can be mailed—but when ordered by express we send extra large plants. We advise our customers to have shrubs forwarded by express whenever possible.

Amorpha Fruticosa—False Indigo—Long, pendulous branches, with indigo colored flowers. Ea. 30c.

Althea—Rose of Sharon—Unsurpassed for freedom of bloom or range of color, large, handsome camelia-like flowers. Double pink, double white, double blue and double red. Each 35c, dozen \$3.60.

Almond, Flowering—Early flowering shrub, covered with beautiful blossoms. Double White, Double Pink. Each 40c.

Azalea Mollis—A beautiful species from Japan, with large flowers of various shades of yellow, orange, carmine, etc. Bushy plants full of buds. Each 75c. Larger plants, each \$1.00.

Barberry—Suitable either as single specimens or hedge plants, of neat, compact growth; **Purpurea**, foliage and fruit violet purple; **Thunbergi** or Japanese, beautiful glossy green foliage and crimson berries; **Vulgaris**, green foliage and crimson berries. Each 25c; dozen, by express, \$2.00. Large size, each 35c; dozen, by express, \$3.

Caragana Arborescens—Pea Tree—A very hardy shrub, with yellow, pea-shaped flowers in May. Each 30c.

Cerasus Avium Flore pleno—Double Flowering Cherry. A rapid grower, producing a mass of white blossoms, which entirely cover the branches. Each, large, 50c by express.

Crataegus (Hawthorn), **alba plena**—Double white flowers. Each 50c. **Paul's Scarlet**—Rich, brilliant scarlet flowers, best of all. Each 50c.

Cornus mascula (Cornelian Cherry)—Bright yellow flowers in spring. **Siberica**, red-twigged Dogwood, handsome foliage, white flowers; **Siberica variegata**, silver and green foliage, splendid. **Sanguinea**, the well-known red branched Dogwood. Very conspicuous in winter when the branches are blood-red. Each 30c.

Cydonia Japonica—Scarlet Japan Quince—Bright, effective scarlet flowers, suitable for ornamental hedging. Each 30c.

Deutzia—Showy and very ornamental. **Candidissima fl. pl.**, double white; **Crenata rosea fl. pl.**, double pink; **Crenata**, single white; **Pride of Rochester**, double white, tinted rose. Each 30c.

Euonymus Europæus—European Spindle Tree—Dark foliage, pendulous orange-red fruit in autumn. Each 30c.

Forsythia—(Golden Bells)—**Fortunei**, handsome trumpet-shaped yellow flowers; **Suspensa**, drooping habit, yellow flowers. Each 30c.

Hydrangea Paniculata Grandiflora—Most popular, large panicles of pure white flowers, turning to pink. Each 25c; strong, each 40c. **Tree or Standard** on stem 4 feet high, each \$1.00 by express. **Arborescens alba grandiflora** (Snowball Hydrangea)—A splendid new variety with large pure white flowers. Each 40c.

Ligustrum (Privet). **Amurense** (Japanese Privet)—Large, oblong, glossy green foliage, half evergreen, thoroughly hardy. A variety of sterling merit. Each 25c; doz. \$2.00; per 100, \$12.00 by express. **English**—The ideal hedge plant. Quick growing, dark green, shiny leaves, very hardy. Each 20c, dozen \$1.25, postpaid; per 100, \$7.00 by express.

Lonicera (Bush Honeysuckle) — **Morrowi** — Creamy white flowers. **Tartarica Rubra**—Bright red flowers. Each 30c.

Lilacs, Double Named—**Belle de Nancy**, pink; **Madame Lemoine**, pure white. Each 50c.

Single Named Lilacs—**Alba Grandiflora**, very large white; **Charles X**, reddish-purple; **Grandiflora**, purplish lilac, large; **Persica**, clear lilac; **Persica Alba**, Persian white; **Rothomagensis**, Persian red; **Rubra de Marley**, purplish red. Each 40c.

Common Purple Lilac; Common White Lilac—Each 30c.

Magnolia—Large Flowering — We offer the varieties best adapted to our climate and that have proved hardy in Hamilton. **Soulangeana**—large flowers, white, with purple at base of petal. **Halleana Stellata**—Double white, strong plants, well budded. Each \$2.00 by express.

Malus (Flowering Crab) **Angustifolia** (Bechtel's Double Crab)—The flowers are of immense size, beautiful pink, highly fragrant. Very double and resembling pink roses. Each 50c. **Parkmani**—The buds are carmine in color, the open blossoms are semi-double; the tree, when in bloom, presents a most gorgeous appearance. Each 60c.

Philadelphus (Mock Orange) **Coronarius**—Flowers pure white and fragrant. **Dianthus Plenus**—Double white. **Grandiflorus**—Large flowering white. Each 30c.

Prunus Triloba—(Double Flowering Plum)—Delicate pink flowers. **Pissardi**—(Purple Leaved Plum)—Beautiful foliage, flowers small, white. Each 50c.

Rhus Cotinus—(Purple Fringe or Smoke Tree)—A low, shrubby tree, covered in mid-summer with large clusters of feathery flowers, giving the appearance of a cloud of smoke or mist. Ea. 30c.

Rhododendrons—Hardy varieties, good assortment of colors in red, rose and white, large, well-budded plants. Each \$1.50 by express.

Robinia Hispidia (Rose Acacia)—Is valued for its elegant clusters of rose colored flowers, which expand towards the close of May, and continue for several weeks. The branches resemble a moss rose. Each 35c.

Sambucus Aurea (Golden Elder)—A large golden-leaved form. Requires the full sunlight, when it is one of the best yellow shrubs. Variegated, yellow and green foliage; **Lacinata**, Cut-leaved Elder. Each 35c.

Symphoricarpos Racemosus (Snowberry)—July. Bushy form, pink flowers in summer, white waxy berries in autumn. **Vulgaris** (Indian Currant)—Low growing, spreading, graceful habit; foliage attractive; noteworthy from the beauty of its clusters of red berries. Each 30c.



Hydrangea.



SPIRÆA VAN HOUTTEI

This reduction only applies where three or more of one variety are ordered.

HARDY PERENNIAL PLANTS

The most desirable varieties for Canadian Gardens.

Where price is 20c each, 3 plants of one variety are supplied for 50c, dozen \$2.00.

Where price is 15c each, 3 plants of one variety are supplied for 40c, dozen \$1.50.

Perfectly hardy anywhere, and thrive and bloom year after year with little care after once well planted.

Height of plant and period of blooming is indicated.

Achillea Ptarmica fl. pl., The Pearl—Splendid for summer cut bloom. All summer; 2 feet. Double white. Each 15c.

Alyssum Saxatile—Saxatile fl. pl.—Double yellow. April and May. Each 25c.

Anemone—August to November; 2 ft. **Prince Henry**—Semi-double, dark red. Each 20c. **Whirlwind**—Double white. **Queen Charlotte**—Double pink, each 15c.

Anchusa Italica—Dropmore Variety—All summer; 5 ft. Pretty gentian blue flowers. Each 25c.

Aconitum (Monkshood)—3 to 4 feet. **Fischeri**—Pale blue. September to October. Each 25c. **Napellus** (Bicolor)—Deep purple-blue and white. August to September. Each 15c.

Aquilegia — (Columbine) — Excellent border plants; 2 to 3 feet. May and June. **Coerulea**—Violet and white; **Chrysantha**—Yellow. **Long Spurred Hybrids**—Splendid varieties in mixed colors. **Skinneri**—Red and yellow. Each 15c.

Arabis Alpina—Evergreen foliage, white. May 6 inches. **Rosea**—Very pretty pink. Each 15c.

Asters, Hardy — (Michaelmas Daisies) — Midsummer till frost; 4 to 5 feet. **Amellus, Onward**—Very large, purple flowers. Each 25c. **Ibericus ultramarin**—A wonderful aster, brilliant dark blue, in large clusters. Each 25c. **Lill. Fardell**—Large flowering, pure pink. Each 25c. **White Queen**—Pure white; splendid. Each 20c. **Snowflake**—White, yellow centre. Each 15c.

Bellis Perennis — (English Daisy)—Exquisite little perennials. Double white and double pink. Each 15c.

Bocconia cordata (Plume Poppy)—White; 3 to 5 ft. July and August. Good for sub-tropical effects. Each 15c.

Boltonia—Very showy, large, single, Aster-like flowers. **Latisquama**—Pink; **Asteroides**—White, 5 feet. July to October. Each 15c.

Campanula—(Bell Flower) **Persicifolia Grandiflora**—2 ft., white, blue. **Pyramidalis**—4 ft., blue. **Medium** (Canterbury Bells)—3 ft., rose, blue and white. **Glomerata Dahurica**—Purple. July-September. Each 20c.

Chrysanthemum Uliginosum—Large white flowers, yellow centre, good for cut flowers; 4 feet. August-September. Each 15c.

Clematis erecta—White, 3 ft., June and July. A great bloomer; fragrant. Each 25c.

Coreopsis Lanceolata—Beautiful border plant. Golden yellow; 2 feet. June-October. Each 15c.

HARDY SHRUBS—Continued.

Spirea—Excellent shrubs of easy culture. **Anthony Waterer**, light crimson; **Billardi**, pink, flowers from June till fall; **Prunifolia** (Bridal Wreath) double white; **Thunbergi**, dense feathery bush, white flowers, early; **Van Houttei**, splendid, early, large clusters of white flowers. Each 30c.

Tamarix (Tamarisk)—Strong, slender growing, irregular shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefully bending branches. Each 30c.

Viburnum, or **Snowball**, **Opulus Sterilis** (Common Snowball)—Very showy, each 30c. **Opulus** (Cranberry Bush)—Flowers in June, attractive foliage, berries in fall. Each 30c.

Weigelia—Vigorous growth and adapted to any good soil. White, pink, red and variegated. Each 30c.

Plants priced at 25c each are \$2.50 per dozen.

Plants priced at 30c each are \$3.00 per dozen.

Plants priced at 35c each are \$3.60 per dozen.

Delphinium—(Larkspur)—Very attractive. **Large Flowering Hybrids**—A very fine strain of mixed hybrids, from named varieties. June-September. Each 15c.

Dianthus barbatus (Sweet William)—Pink, white, rose and dark red. 1 to 1½ ft. July. Ea. 15c.

Dianthus (Hardy Garden Pinks)—**Mrs. Sinkins**—White clove. **Rose de May**—Brilliant rose. 1 ft. June-July. Each 20c.

Dicentra spectabilis (Bleeding Heart)—Pæony-like foliage, pink, heart-shaped flowers; 2½ feet. May-July. Each 15c.

Doronicum caucasicum—(Leopard's Bane)—Yellow. April-May. 1½ ft. Each 25c.

Eulalia—Very graceful, tall, ornamental grass, 5 to 6 feet high. **Japonica Variegated**, **Japonica Zebrina**. Each 25c.

Funkias, or **Day Lilies**—Handsome foliage and flowering plants; 18 inches. August-September. **Grandiflora**—Large white flowers, each 20c. **Coerulea**—Blue, each 15c.

Gaillardia Grandiflora—Very showy large flowers, assorted colors; 2 ft. June-October. Each 15c.

Gypsophila Paniculata—Minute white flowers, splendid for cutting; 2½ feet. July-Aug. Each 15c.

Helenium — (Sneezewort) — September-October. **Autumnale-Striatum**, 5 ft., reddish brown and yellow. **A. Superbum**, 7 feet, yellow. Each 15c. **Riverton Beauty**, rich, lemon-yellow, purplish-black centre; **Riverton Gem**, old gold, changing to wallflower red. Each 25c.

Helianthus — (Perennial Sunflower) — 5 feet. August-October. **Sparsifolia**—Large, graceful single flowers of a deep yellow. **Miss Mellish**—Large single yellow flowers, effective. Each 15c.

Heliopsis Pitcherianus—(Orange Sunflower)—Flowers are long stemmed, large, deep yellow; 7 ft. July-September. Each 15c.

Hemerocallis—(Yellow Day Lily)—Fragrant lily shaped flowers. June-July. **Dumortieri**—2 feet, orange yellow. **Flava**—3 ft., lemon-yellow. **Fulva**—3½ ft., bronzy orange. **Gold Dust**—Bright Indian yellow color. 2½ feet. Each 15c.

Hibiscus—**Crimson Eye**—August-October. 4 ft. Very large, beautiful flowers, white, crimson in centre. Each 20c.

Postage to Canadian points on plants is 5c for 5 or under and 10c for 6 to 10 plants unless otherwise specified.

HARDY PERENNIAL PLANTS—Continued.

HOLLYHOCKS—6 to 8 feet. July-September. Great favorites. Flowers large and double. White, rose, yellow, crimson, bright red and black. Field-grown roots. Each 20c. Mixed, each 15c.

Heuchera sanguinea (Alum Root)—They produce large flowers very early in spring. Plant in a shady, sheltered situation. Each 15c.

Helleborus (Christmas Rose)—They produce large flowers very early in spring. Plant in a shady, sheltered situation. Each 40c.

Iberis (Hardy Candytuft)—9in., pure white flowers, produced early in spring. **Snowflake**—Each 20c.

Iris — (Japanese) — Enormous flowers, mixed colors; 2 ft.; July. Each 15c. Named vars., 25c.

Iris—(German)—2 ft. May-June. Beautiful flowers. Mixed. Each 10c. Named varieties, each 15c.

Lychnis Chalcedonica—Jerusalem Cross—Orange scarlet flowers, very showy; 4 ft. June-August. Each 20c.

Monarda Didyma—(Oswego Tea)—Cardinal red, large, showy flowers; 3 feet. July-Sept. Each 20c.

Oenothera Youngi—(Evening Primrose)—Fine border plants; 1½ ft. June-October. Large primrose yellow. Each 20c.

Platycodon — (Chinese Bell Flower) — White, blue; 1½ ft. May-August. Each 20c.



Double Paeony.

PÆONIES—Double—Exceedingly effective, the diversity of color, profusion and duration of bloom, handsome, massive foliage and easy culture render them most popular. May-June. 2 ft.

Augustin d'Hour—Dark, reddish pink, good. 50c.

Carnea Elegans—Lilac white guards with amber white color when bloom first opens; perfumed.

Delachei—Rich, deep purple.

Duchess de Nemours—Large, pure white, fine.

Duc de Cazes—Carmine red, scented.

Edulis Superba—Dark pink, beautiful scented.

Festiva Maxima—The best large white.

Festiva Alba—A fine white variety.

Marie Lemoine—Extra large ivory white. 50c.

Louis Van Houtte—Dark red.

Pæonies—Continued.

Modeste Guerin—Deep rose, superb. 50c.

Victor Hugo—Carmine red. 75c.

Queen Victoria—Milk white, fine.

Zoe Calot—Delicate rose.

Officinalis Rosea—Early rose pink.

Officinalis Rubra—Early crimson.

Officinalis Alba—Early white.

Prices, except where noted, each 35c, doz. \$3.60.

Double Pæonies in Color—Red, pink and white.

Each 25c., dozen \$2.50.

Single Pæonies—Beautiful flowers, white, rose and red. Each 50c. Postage on Pæonies 5c each extra.

PHLOX, HARDY—One of the finest out-door plants. July to September; strong field grown plants.

New Varieties.

Africa—Crimson-purple, with dark blood-red centre. 35c.

America—Brilliant salmon, with large crimson-red centre. 35c.

Baron Von Dedem—Glistening scarlet, large flowers and trusses. 25c.

Elizabeth Campbell—Very bright salmon-pink, with dark red eye. 25c.

Dr. Konigshofer—Clear scarlet, orange blood-red centre. 30c.

Rynstroom—Huge flowers of a beautiful rose color. Each 25c.

Standard varieties, each 20c, dozen \$2.00.

Coquelicot—Orange-red.

Eclairer—Bright, purplish red, large flowers.

Etna—Deep coral red.

George A. Strohlein—Bright scarlet, crimson red centre.

Gruppen Konigin—Flesh colored, with carmine eye, beautiful.

Iris—Purplish blue.

Josephine Garbeaux—White, cherry-red centre.

Jules Cambon—Deep rose pink, white centre.

La Vague—Clear lilac pink, pale cherry red centre.

Maria Stuart—Pure white.

Nana Coerulea—Dwarf habit, sky blue, blooms profusely.

Royal Purple—Dark rose, large truss.

Tapis Blanc—Pure white, large flower, dwarf habit.

Wm. Ramsay—Dark purple.

Phlox—Mixed Varieties—15c each, \$1.50 dozen.

Physostegia—(False Dragon's Head) — Very effective; blue or white. Aug.-Sept. 3 ft. Ea. 15c.

Pyrethrum—Large variety of colors, like a large single Chrysanthemum. June; 2 ft. Each 15c.

Poppy—Iceland — Large flowering, handsome. Red, white and yellow. Each 15c.

Poppy—Oriental—Beautiful large flowers, separate colors. 3 ft. June-July. Each 20c.

Rudbeckia—Golden Glow—Splendid double yellow flowers. July to Sept.; 6 ft. Each 15c.

Purplea—(Purple Cone Flower)—3 ft. July to Oct. Large reddish-purple flowers. Each 20c.

Spirea—(Meadow Sweet)—**Aruncus**—A fine variety, 3 to 5 feet high, feathery panicles of white flowers. June to Aug.; 3 feet. **Philipendula plena**—Double white flowers, fern-like foliage. Each 20c.

Statice Tatarica—(Sea Lavender)—Purplish-red. July-September; 2 ft. Each 20c.

Shasta Daisy—Very large white flowers; 2 ft. June-July. Newest varieties, each 20c.

Stachys Lanata—Bright, silvery-white foliage, with clusters of light purple flowers. Each 20c.

Violets—Hardy English, blue. Each 20c.

Yucca — Adam's Needle — An effective plant, creamy white flowers. July to August; 3 feet.

Each 20c.

FERTILIZERS

Pure Bone Meal for fertilizing purposes. Our Pure Bone Meal is a very superior and carefully prepared fertilizer. A machine that will sow plaster will also sow the above. In Turnip culture it is particularly recommended. Apply at the rate of ten bushels (600) lbs. per acre, and drill in with the seed. Highly recommended for lawns, etc. 6 lbs. 25c, 25 lbs. 80c, \$2.50 per 100 lbs., \$4.50 bag of 200 lbs., 5 bags, 1000 lbs., \$20.00.

Gypsum or Pure Land Plaster is white. It has great power in seizing on the escaping ammonia and giving it to plant life. Gypsum is the cheapest, and especially when used in conjunction with manure, one of the most powerful fertilizers in nature. It also attracts moisture. It is used largely on all crops, and it is of great benefit to lawns, as well as to every sort of fruit trees, vegetables or flowers. Sow early in the spring and autumn, when verdure is moist. Best effect to sow light and often. In good linen bags containing 150 lbs., 75c per bag, \$9.00 per ton.

Nitrate of Soda—A powerful fertilizer, containing a large percentage of nitrogen, the property which soil most requires. Per lb. 10c, 15 lbs. \$1. 100 lbs. \$4.50.

Farmogerm—High bred nitrogen-fixing bacteria. See page 90.

Peruvian Guano—From the large amount of ammonia and phosphate contained in pure Guano, it is one of the most powerful stimulants for plants and growing crops. Before using it should be made fine, and may be mixed with loam, charcoal, dust or plaster. It should not be mixed with lime or ashes; mulch or clay also are not suitable. It should not come in contact with growing plants. As it is nearly soluble in water, it is most easily converted into liquid manure, and when applied in that form its effects are almost immediate. One pound of Guano to twenty gallons of water will be sufficiently strong for a single watering each week, which is more efficient than repeated waterings with weaker solutions. Per lb. 10c, 25 lbs. \$1.75, 100 lbs. \$5.00.

Pulverized Sheep Manure—A natural manure, most nutritious for plants; effect immediate and lasting. Excellent for mixing with soil for greenhouse plants (one part manure and six parts soil). Strewn over and dug into the garden, or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes a safe and quick liquid manure; one pound to five gallons of water can be used daily, if necessary, with safety. 1 lb. 10c, 5 lb. carton, 25c, 10 lb. carton, 45c, 25 lb. bag 65c, 50 lb. bag \$1.10, 100 lbs. \$2.00; 5 bags, 500 lbs., \$8.75.

SPECIAL MANURES FOR HOUSE AND GARDEN PLANTS.

Peruvian Guano—A valuable plant food. See above for particulars. Directions on package. 1 lb. package 15c, postpaid 35c.

"BONORA," Natures Plant Food

Bonora—Good for flowering plants of all kinds, lawns, shrubbery, vegetables of every variety, grape vines, fruit and shade trees, and for everything pertaining to plant life. It is, in fact, to plant life what blood is to human life. It is a boon to the early vegetable grower, maturing the crop two or three weeks earlier, besides improving the quality and increasing the quantity. It will greatly enrich the soil wherever applied.

Put up in dry form, as follows: $\frac{1}{4}$ lb. tin, making 7 gallons, 30c, postpaid 35c; 1 lb. tin, making 28 gallons, 55c, postpaid 75c; 5 lb. tin, making 140 gallons, here, \$2.50.

Circular and further information on application.

Directions for Use—It should be put in a wooden vessel and kept where animals cannot drink it. Sprinkle it on the plant, using a sufficient quantity to soak through the earth and reach the roots. Give two applications one week apart, and you can then judge whether another is necessary by the appearance of the plants.

Sterlingworth Plant Tablets

A New, Scientific, Odorless Invigorator for House Plants and Vegetables.

Sterlingworth Plant Tablets are a safe, clean, odorless, concentrated plant stimulant in tablet form. They contain those ingredients in their proper proportions that are necessary for healthy plant life. Their use promotes a healthy, vigorous growth of branch, leaf and flower. They are readily soluble in water, and contain an insect-driving ingredient which keeps injurious bugs and worms from the soil. Renewing of plant soil is made less important and is less frequently needed when these tablets are used. They build up the soil and supply scientifically those elements necessary to healthy growth. They are much more effective than what is commonly known as "liquid manure," which contains a large percentage of waste matter, which pollutes the soil, accompanied by a disagreeable odor. Try one package. When you learn how satisfactory they are you will buy more. They double the bloom. Prices: Large size, sufficient for 35 plants three months, 25c, postpaid 30c; trial size, sufficient for 10 plants for three months, 12c, postpaid 15c.

CLIMAX LAWN SAND—KILLS ALL WEEDS ON LAWNS—Prices here.

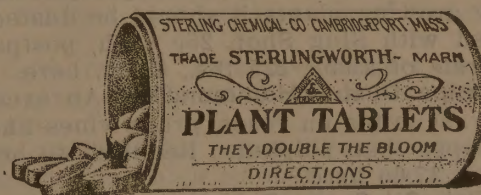
We highly recommend this remarkable preparation, which absolutely destroys dandelions, plantains, moss, chickweed, and other weeds in lawns. It will not hurt the grass, but just the reverse, as it has some of the properties of a fertilizer. Applied with the hand any time during the summer season. Write for circular with directions and testimonials; extensively tried and proved the past season. Price— $3\frac{1}{2}$ lb. can, for 150 sq. feet, 50c; 7 lb. can, for 250 sq. feet., 80c; 14 lb. can, for 500 sq. ft., \$1.40, 28 lb. keg, for 1000 sq. ft., \$2.40; 56 lb. keg, for 2000 sq. ft. \$4; 112 lb. keg, for 4000 sq. ft. \$7.



Treated with
"BONORA."

Treated with
Fertilizer.

Both were the same size before treatment.



CLIMAX WEED KILLER—The Dandelion destroyer; also kills weeds on drives, paths and walks. In air-tight tins in powder form, mixes readily in cold water, without heat or fumes, and keeps for an indefinite period. No. 1 Tin (enough to make 25 gallons), \$1.00. No. 2 Tin (enough to make 100 gallons), \$2.25. The Weed Eradicator for large lawns, is a simple brass machine 36 inches long, fitted with a self-acting valve so arranged that when filled with the Climax Weed Killer, by simply pressing the point into the plant enough is injected into the tissues to destroy it. Price \$3.00.

WEEDICIDE—It is a concentrated weed killer, absolutely deadly to all surface growing plants and its effect remains for six months or more. It may be used at any season, but best time to apply is on a fine spring day, when surface is moist. It is mixed with water, 1 quart making 25 gallons. It is a poison, and poultry must be kept off ground treated recently. 1 quart 50c.

HIGH GRADE MATERIAL FOR HOME MIXING OF FERTILIZERS.

The home mixing of Fertilizers has come to stay—because it is the most efficient, economical and practical way to fertilize. You can cut your fertilizer bill \$5.00 to \$10.00 on every ton and get fertilizer of the same analysis and of higher grade than you can buy ready mixed. Pure chemicals, uniform and of guaranteed analysis, mean better fertilizer for less money. Booklets furnished with each order. Easy to mix. Special prices on application for $\frac{1}{2}$ ton or more.

Nitrate of Soda furnishes Nitrogen	Per 100 lbs.	\$4 50	200 lbs.	\$8.50	500 lbs.	\$20 00
Muriate of Potash furnishes Potash	"	3 50	"	6 50	"	15 00
Sulphate of Potash furnishes Potash	"	4 25	"	8 00	"	18 75
Kainit furnishes Potash	"	1 75	"	3 25	"	7 50
Acid Phosphate furnishes Phosphoric Acid	"	1 65	"	3 00	"	7 00
Basic Slag furnishes Phosphoric Acid	"	1 75	"	3 25	"	7 50
Ground Bone furnishes Phosphoric Acid	"	2 50	"	4 50	"	10 00

We will allow a discount of 15 per cent. off prices of above ingredients for home mixing.

FARMOGERM

IMMENSE CROPS WITHOUT FERTILIZERS

A new, sure and easy way has recently been discovered to make worn-out or poor land enormously productive without fertilizers and almost without expense. Plants need nitrogen—can't grow without it. Heretofore fertilizers have been needed to put nitrogen into the soil. Nitrogen is very necessary—is the most expensive part of fertilizers. The new way is easier, surer and cheaper—it is to let nitrogen-gathering germs feed the plants. The soil is full of air. Air is four-fifths free nitrogen. Right here the new discovery comes in. Plants cannot extract nitrogen from the air, but there are germs that can. These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air and feed it to the plants. These germs come ready for use in a form called Farmogerm. It is put up in bottles. Simply add it to water and sprinkle the water over the seeds before planting. The germs remain on every seed—live with it—increase about it—feed the roots when they start and keep on feeding them. They also enrich the soil by storing nitrogen in it, so that the second year's crop, whatever it may be, is increased from 2 to 10 times. When ordering, state what particular crop you wish to inoculate. Those not mentioned below, there is no bacteria for.

Alfalfa or Lucerne.
Red Clover.
Alsike Clover.

Mammoth Clover.
Crimson Clover.
Soy Beans.

Garden Beans.
Vetch or Tares.
Cow Peas.

Garden Peas.
Field Peas.
Sweet Peas.

MIXED CULTURES FOR

A—Red, White, Crimson, Alsike and Mammoth Clover. B—Vetch and Field Peas.

C—Soy and Cow Peas.

D—Garden Peas and Beans and Sweet Peas

PRICE LIST

1 acre bottle, \$2.25; 5 acre bottle, \$10.00, postpaid.

Garden Package—Sweet Peas, 55c; Garden Beans, 55c; Garden Peas, 55c; White Clover, 55c.

Also Mixed Culture, good for Garden Peas and Beans and Sweet Peas, 55c, postpaid.

Guaranteed to keep six months from date of shipment, and can be used within that time.

Circulars with testimonials on application.

PREPARATIONS FOR THE DESTRUCTION OF INSECTS

Slug Shot—(Hammond's)—It is in the form of an impalpable powder, and is fatal to insect life in every form in which they are injurious to vegetation. It will also be found to be an excellent fertilizer, as plants upon which it is used will be found to grow and look finer than those upon which it is not. It contains nothing injurious to domestic animals and does not deteriorate by age. On low growing plants it should be dusted on with a very fine sifter. Canisters, with perforated top, filled with Slug Shot, 25c each, postpaid 45c. In 5 lb. packages, 45c; 10 lb. packages, 75c; in barrels of about 225 lbs., 6c lb. here.

Grape Dust—(Hammond's)—An excellent article for killing as well as preventing mildew, mould or rust mites on roses, grape vines and other plants and trees affected by same. More effectual and cheaper than sulphur. Required to be applied reasonably frequent. In 5 lb. packages, 50c; in 100 lb. kegs, \$7.00 here.

Fish Oil Soap—Prepared with Tobacco—A splendid article for preserving flowers, shrubs, vines, and particularly rose bushes, from the destructive effect of slugs, grubs, worms, etc.; also good for scale. 1 lb. box, 25c; postpaid, 20c per box extra.

Nikoteen Aphid Punk—A special preparation of nikoteen for burning in greenhouses to destroy green and black fly, thrip, etc., box of 1 dozen rolls, 80c; postpaid, 90c.

Nikoteen—A liquid insecticide for use of florists and gardeners. It is composed of that element in tobacco which gives it its value and nothing else. This is without doubt the best remedy for most of the insects that attack plants and flowers. Circulars giving full particulars and mode of treatment supplied. Price \$2.00 per pint bottle here, $\frac{1}{2}$ pint bottle \$1.10 here, postpaid \$1.35. 2 oz. bottles 50c each, or 55c postpaid. $\frac{1}{2}$ oz. bottles 20c each, or 25c postpaid.

Church's Potato Bug Finish—It is recommended to destroy all insect life which feeds on the leaves of plants, shrubs, bushes, etc. Use 25 lbs. to the acre, and dust it on with a fine sieve. Apply after a rain or after a dew in the morning, so that it will adhere to the vines. In 1 lb. canisters 10c each; 10 lb. lots 25c; 25 lb. lots, 50c; 100 lb. lots, \$1.75; barrel of 300 lbs., \$4.50 here.

Eureka Weed Killer—Truly a gardener's friend, applied when the ground is moist, so that it can get at the roots. It will destroy all weeds, moss, etc. on gravel paths, drives, stable yards, etc., and keep them under the whole season. In tins, contents of one which, mixed with water, is sufficient for 100 square yards of path. Directions on tins. Price, \$1.25 per tin here.

Hughes' Fir Tree Oil—This has proved to be one of the most reliable for destroying red spider, green fly, mealy bugs, scale, ants, thrip, onion fly, caterpillar, slug, blight, etc.; also used much as a dog wash. It is put up in bottles with directions for its use. Small bottles 25c, postpaid 35c; good size bottle, 50c; large bottle, 75c here.

No. 1 Paris Green—We hear a great many complaints about this article, which is largely used, and it should be A1 for spraying and for kindred uses. We have received a stock of the very best we can procure, which we offer as follows: In bulk, 30c per lb.; in ½ lb. packages, 20c each; in 1 lb. packages, 35c each. If required by mail, add 20c per lb. for postage.

Sulpho-Tobacco Soap—Destroys cabbage, squash and potato bugs, currant worms, lice, green fly, mealy bug, red spider, etc. Sure death to all plant insects indoors and out of doors. Of special value for spraying shrubs, fruit trees and vines. Produces luxuriant roses if bushes are sprayed liberally before blooming time; a splendid wash for dogs and other animals. Free with every order of 8 oz. cake and over, "The Window Garden," a booklet by Eben E. Rexford, on the cultivation of plants and the extermination of insects. 3 oz. cake makes 1½ gallons prepared solution. 12 cents, postpaid 15c. 8 oz. cake makes 4 gallons prepared solution. 25c, postpaid 35c. 10 lb. cake makes 80 gallons prepared solution. By express, \$3.00.

Bug Death—This insecticide and plant food combined has been on the market for 12 years, and its sales have shown a large increase each year. We can say to our customers that we give Bug Death our fullest endorsement. While the first cost to kill the bugs on an acre of potatoes is rather more than the arsenical insecticides, the results at harvesting time are entirely satisfactory, and where practical tests have been made the extra yield of marketable potatoes has more than paid the entire expense. It is non-poisonous, which makes it perfectly safe to use on all plants or vines. Very beneficial results are obtained by using Bordeaux Mixture in connection with Bug Death, and they can be mixed and sprayed on the vines at the same time, with any of the spraying machines on the market for that purpose. **Bug Death prevents blight. Order early. Price**—Put up in packages as follows, with trade mark on each package: 1 lb. package 15c; 3 lb. package 35c; 5 lb. package, 50c; 12½ lb. package, \$1.00; 50 lb. package, \$3.75; 100 lb. package \$7.00. Perfection Shaker for applying Bug Death, 65c. Dickey Duster, 25c each here. **Farnham Dust Motor**—Will do an acre in 30 minutes—a boy can run it. Write for description. Price \$15.00 here. It may be applied dry with the Perfection Shaker, Dickey Duster, or with a small bag made from burlap or gunny cloth having the right mesh, also mixed with water and sprayed as above stated.

Anti-icide—A coarse powder for sprinkling on lawns to kill ants, 1 lb. for about 300 square feet of lawn. 5 lb. tins \$1.50.

Apterite is a scientifically prepared powder for the fumigation and fertilization of the soil. Its purpose is to destroy the many insect and other pests which live, or hybernate, in the soil and damage the crops. It is simple to apply, inexpensive, non-poisonous and will not destroy soil bacteria or ruin delicate plants if used as directed. It is best applied at ploughing or digging time, though it can be scattered on the surface as long as it does not come into actual contact with the leaves or stems of growing plants. 1 lb. can 25c, 7 lb. can \$1.00, 14 lb can \$1.50, 56 lb. keg \$3.00, 100 lb. keg, \$5.75.

V1 Fluid—It can be used any time after the leaves have fallen in the autumn and before the buds have opened in the spring: It kills scale, fungi, eggs of insects, mosses and lichens with which it comes in contact. Does not harm vegetation nor animals feeding on grass growing under sprayed trees; must be diluted 1 part to 100 parts of water and applied in the usual form of a mist-like spray; cleanses the tree—invigorates its growth and increases its fruit producing capacity. 75c quart, \$2.50 gallon tin.

V2 Fluid—Destroys scale, insects, woolly and all forms of aphids, pear and apple psylla; does not harm the tenderest foliage. It can be applied any time after the bursting of the buds. Does no damage to vegetation nor to animals feeding under sprayed trees. V2 is a certain remedy and if applied thoroughly, the fullest measure of success is assured. Must be diluted 1 part of the Fluid to 100 parts of water, no stronger. 75c quart, \$2.50 gallon tin.

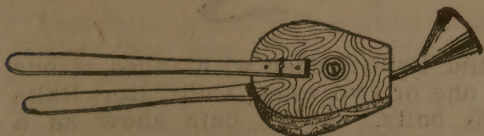
V3 Fluid—Kills all leaf eating insects, a scientific substitute for all crude, poisonous mixtures; does not injure the foliage and no sediment to clog muzzles. Dilute 1 part to 100 parts of water and no stronger. 75c quart, \$2.50 gallon tin.

V2K Fluid—For every plant in greenhouse or garden (especially roses), that are subject to mildew, this is a remedy. It adheres until its action has effect, and does not discolor the foliage, though it will discolor white paint. \$1.00 quart, \$3.00 gallon tin.

Fungicide—(Not Poisoned)—An improved Bordeaux mixture, the best for potato disease, apple rot and scab, pear scab and leaf scald, and all other fungoid diseases for which sulphate of copper is the recognized remedy. Use 1 lb. to 10 gallons of water. 1 lb. tin 25c, 5 lb. tin \$1.00, 10 lb. tin, \$1.50.

Fungicide (Poisoned)—When Paris Green is recommended added to the Bordeaux mixture, use this preparation. 1 lb. tin, 35c; 5 lb. tin \$1.25, 10 lb. tin, \$2.25.

ELECTRIC INSECT EXTERMINATOR.



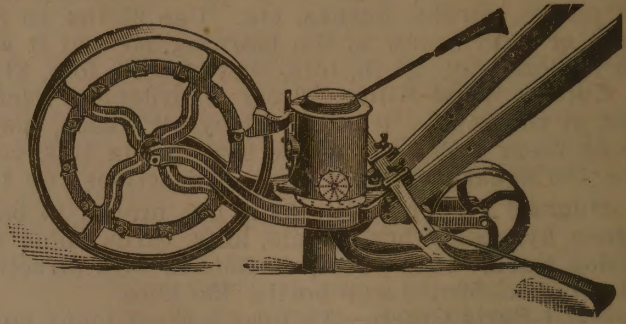
It is the most economical device for effectually applying Paris Green or other powder with little labor. The powder is put in the machine through the opening in the side, and when the handles are worked the force of the compressed air expels it so that is spread evenly over the plants. The handles are adjustable, so that the machine will work upwards under the leaves of the plants. It only requires 1 lb. of Paris Green to do an acre of potatoes; no water required. \$1.25 each, or \$1.50 postpaid.

LABOR SAVING IMPLEMENTS

MATTHEWS' NEW UNIVERSAL MODEL GARDEN DRILL. No. 17.

With New Seed Cut-off and Improved Markers.

Is everywhere acknowledged to be the standard drill of America. It has been many years in use, and its largely increasing sale is the best evidence of its merit. It is designed for use in field or garden. When in operation it opens the furrows, drops the seed accurately at the desired depth, covers it and lightly rolls the earth down over it, and at the same time marks the new row. It will sow Beet, Carrot, Onion, Turnip, Sage, Spinage, Sorghum, Peas, Beans, Fodder Corn, Broom Corn, etc., with a certainty, regularity and rapidity impossible for the most skillful hand to do. Price, boxed, \$8.00.



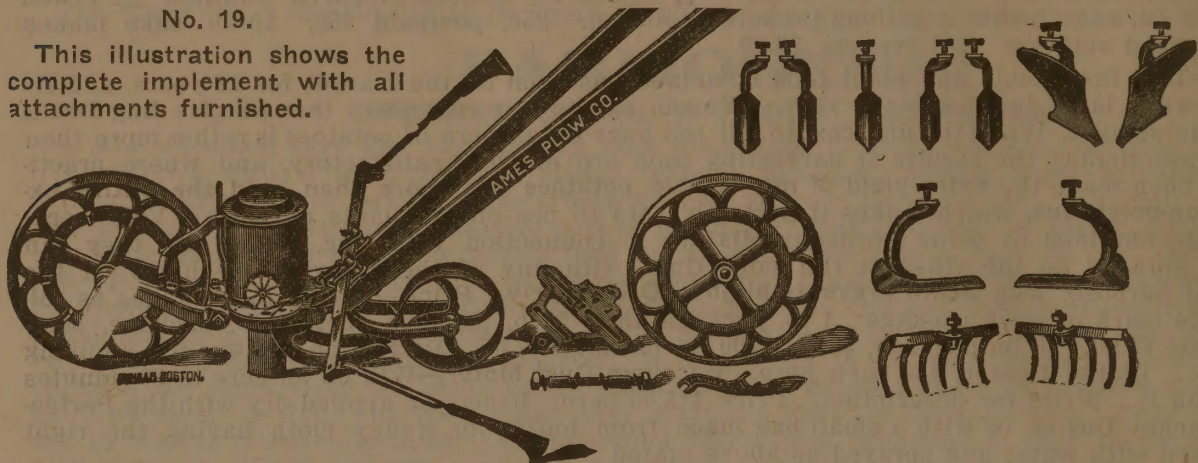
MATTHEWS' NEW UNIVERSAL MODEL GEM GARDEN DRILL. No. 18.

This has been perfected to meet the demand for a low priced drill. We have not only accomplished this in our design, but here offer a drill with all the essential qualities of the Matthews principles, even to embodying Seed Dial and Indicator from exactly same patterns as those used on the larger and more expensive drills. We do not recommend it for use instead of the larger drills, but we are sure that all in want of such a drill as we represent it to be, will find it to their advantage to buy the Matthews Garden Gem. Price, boxed, \$6.25.

MATTHEWS' NEW UNIVERSAL CONSTELLATION—SEEDER, HOE, CULTIVATOR, PLOW, Etc.

No. 19.

This illustration shows the complete implement with all attachments furnished.



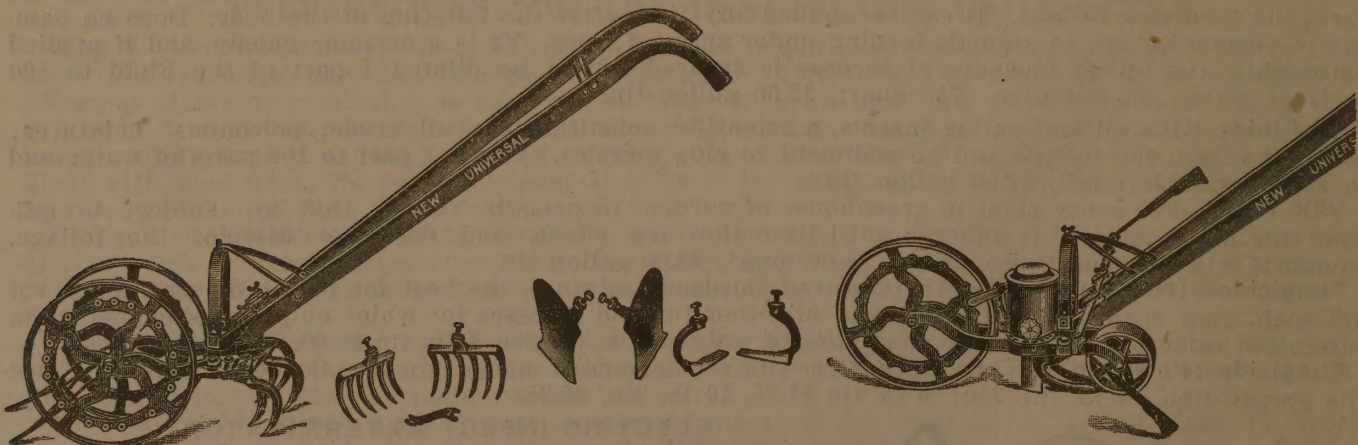
In this constellation is presented a brilliant assemblage of the new Universal Drill and the Double Wheel Hoe, Cultivator Rake and Plow for use either as a single or double wheel implement.

Six implements in one, each implement is entirely separate from the other, and the only parts used in each, the wheels and handles, are changed from one frame to the other by only two bolts. The cultivating attachments are shown detached. They are: 1 Cultivator Frame, 1 Centre Cultivator Tooth, and 1 pair each Hoes, Plows, Rakes, Markers, Narrow Cultivator Teeth and Wide Cultivator Teeth. Price, boxed, \$10.50.

MATTHEWS' NEW UNIVERSAL COMBINATION SEEDER, HOE, CULTIVATOR, PLOW, RAKE AND MARKER. No. 119.

This is an improvement on No. 19, and has the same attachments, but differs in that it has the High Steel Arch for straddle row cultivation, which permits plants to be cultivated up to 20 inches in height without injury; It has also adjustable pads, allowing expansion from narrowest to 20 inches in width. Price, boxed, \$11.25. Seeder only, boxed, \$9.00.

MATTHEWS' NEW UNIVERSAL COMBINED HILL AND DRILL SEEDER, HOE, CULTIVATOR, RAKE, PLOW AND MARKER. No. 22.



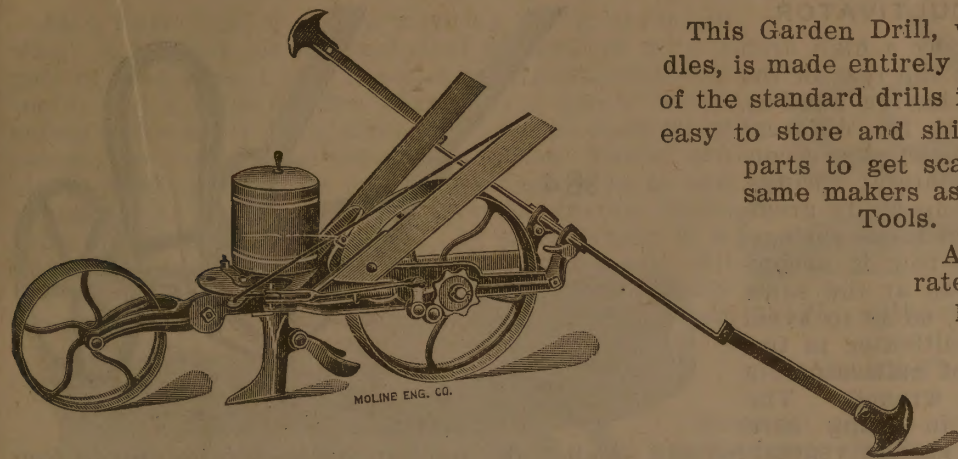
This new implement combines the features of our No. 16 Hill and Drill Seeder with those of our No. 26 Expansion Wheel Hoe. It is a Single Wheel Seeder and a one or two wheel Cultivator, Rake and Plow; changed from Seeder to Cultivator by removal of two bolts. Above cuts show as a Seeder and a Two-wheel Cultivator. This is a grand combination and will give the best satisfaction. Price, boxed, \$12.00. Price, Seeder only, boxed, \$9.50.

AMES' WESTERN GARDEN DRILL.

This Garden Drill, with the exception of the handles, is made entirely of iron, and is lighter than any of the standard drills in the market. It is a compact, easy to store and ship, and has no loose or extra parts to get scattered and lost. Made by the same makers as the Matthews' New Universal Tools.

An adjustable gauge wheel accurately regulates the depth of planting.

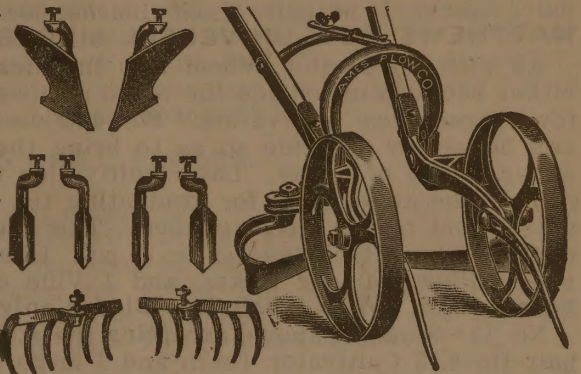
Changes of feed can be made without removing the machine from the ground.



Markers for marking the next row are provided, and do not need changing from side to side. The drill can instantly be thrown into or out of gear without letting go of the handles. Price, boxed, \$6.00.

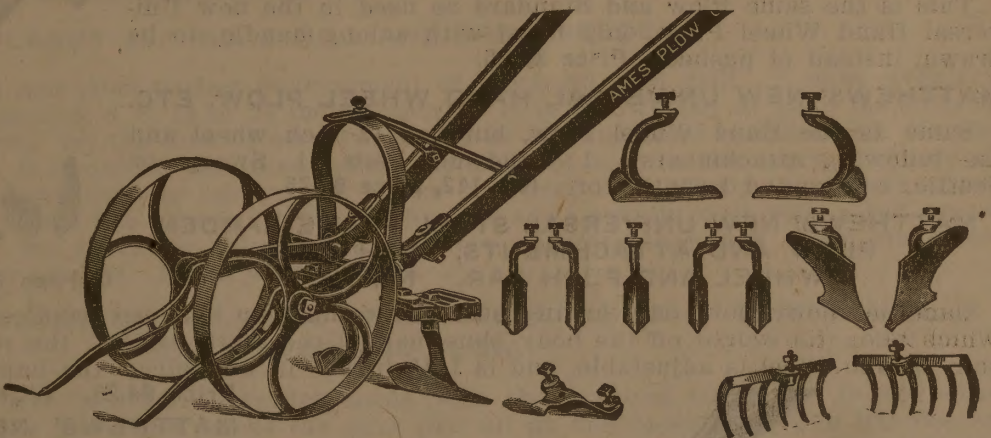
MATTHEWS' NEW UNIVERSAL DOUBLE WHEEL HOE, CULTIVATOR, PLOW and RAKE. No. 14

Specially designed for working both sides of the row at one passing. The special recommendation is the adjustable Arch, by which not only the depth of work can be gauged, but which, by an ingenious device, enables the teeth to be pitched at any angle desired. It can be pushed straight ahead, but better results are obtained by using it same as a scuffle hoe, with successive strokes of length to suit the nature of soil and crop. It can be used either astride or between rows. To work both sides of the row at one passing, the attachment can be set to suit width of crop to be cultivated, keeping road midway between the wheels; no need to watch the teeth. The hoe blades can be set to turn in or out as desired by the operator. Four cultivator teeth are furnished with each; two can be used at desired width to mark out rows. For furrowing, the plows can be set close together and turn outward; for covering, set to width desired and turn inward. The depth can be regulated by adjusting wheel arms in the three holes provided on each side of the arch, also by pitching the arch by means of the arch brace and the thumb bolt, where it connects to the lower handle brace. The leaf guards are to prevent wheels from injuring large, spreading foliage. Price, boxed, \$6.50. With one pair Hoe Blades only, No. 15, \$4.25. With one pair Hoe Blades and Vine Guards, \$4.65.

**MATTHEWS' NEW UNIVERSAL EXPANSION WHEEL HOE, CULTIVATOR, RAKE AND PLOW, HIGH ARCH. A DOUBLE OR SINGLE WHEEL IMPLEMENT AT WILL. No. 26.**

The wheels are 12 inches in diameter, and the arch high enough to cultivate over plants 20 inches or more in height. Our Double Wheel Hoe meets all requirements, but we here present, if possible, a more complete implement of larger size. The adjustable Arch affords means for regulating depth, and for setting pitch of teeth, a very valuable feature in using the Hoe Blades. It also admits the use of implement by either man or boy.

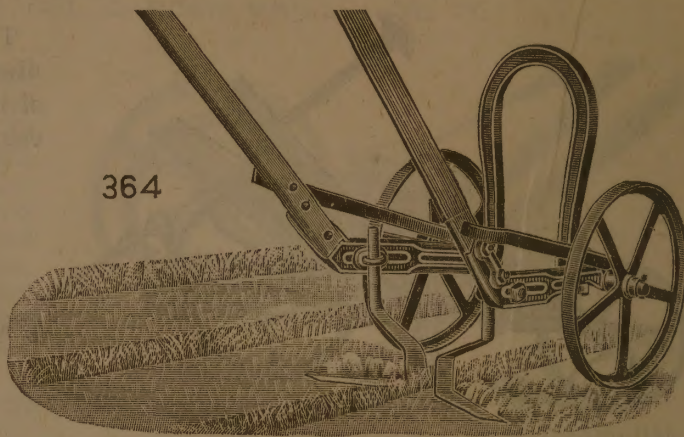
Expansion Pads or Tooth Holders are provided, so any width of cultivation may be attained from the narrowest up to 20 inches wide. One wheel is preferred by many when in use as a "between row" cultivator, and for this purpose we provide the Centre Attachment, consisting of Wheel Scraper and Tooth Holder. The attachments are: 1 pair each long bladed Hoes, short bladed Hoes, narrow Cultivators, wide Cultivators, Plows, Rakes and Vine Guards, and a Centre Cultivator and Centre Tooth Holder. Price, boxed, \$9.50. With one pair Hoe Blades only, No. 27, \$6.00. With one pair Hoe Blades and Vine Guards, \$6.50.

**MATTHEWS' NEW UNIVERSAL EXPANSION DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW. No. 24.**

Extension pads, spring steel arch, and arch brace of same style as the High Arch Hoe just described, are used in the construction of this implement also, thus affording at a very low figure every essential to our new Wheel Hoe, except that the arch is not so high, and the wheels used are 10½ inches in diameter. The attachments are: 1 pair each Hoes, Plows, Rakes, Vine Guards, Narrow Cultivator Teeth and Wide Cultivator Teeth. Price, boxed, \$7.50. With one pair Hoe Blades, only, No. 25, \$5.25. With one pair Hoe Blades and Vine Guards, \$5.75.

AMES' MCGEE PATTERN CULTIVATOR.

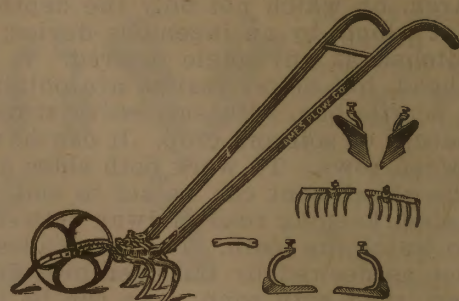
It has two wheels connected by a high arch like a tongueless cultivator; to the rear of the arch are fastened short beams having handles, and these beams are arranged for different kinds of attachments. The handles are connected also with the arch by lateral springs, peculiar to the "McGee," and one of its greatest points of merit. By means of these springs, adjustment to and from the row is accomplished instantly, and the knives at the same time kept under perfect control, so as to avoid injury to the plant. Each cultivator is furnished complete with a pair of cultivators, a pair of knives or hoes, and a wrench. The cultivators do thorough work in young corn and potatoes, as well as in all garden vegetables and small fruit, and can be used from one to four inches in depth. With the weeding knives nearly all hand weeding in onions and small plants is saved. Attachments, by which any class of work desired can be done, are furnished as extras. These attach to the beam in such a manner as to be adjusted forward or back, up or down, and to any angle with the row, or to the surface of the ground. Price, boxed, \$5.00. Extras—Plows, \$1.25 pair; Rakes, \$1.00 pair; Leaf Guards, 60c pair; Scroll Knives, \$1.00 pair; Onion Puller, 60c.



MATTHEWS' NEW UNIVERSAL SINGLE WHEEL HOE, CULTIVATOR, PLOW and RAKE, No. 11.

As with the Double Wheel Hoe just described, it can be used either between or astride the rows, although it is really intended for between row cultivation. For astride cultivation, the wheel can be set to one side so as to bring the row of young plants under centre of frame. Later cultivation must be done between rows. The adjustment for graduating the depth of cultivation is unique and readily accomplished. There are five adjustments of depth. The attachments are: 1 pair Hoes, 5 Cultivator Teeth, 1 pair Plows, 1 pair Rakes, and 1 Vine or Leaf Guard. Price, boxed, \$5.75. With 1 pair Hoe Blades only, No. 13, \$3.25.

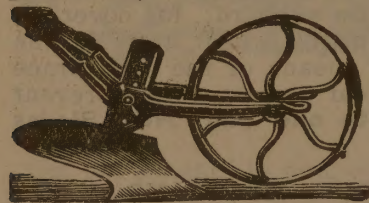
No. 12—Same as above, excepting the attachments, which are: 1 pair Hoes, 3 Cultivator Teeth and 1 large Plow. Price, boxed, \$5.



MATTHEWS' NEW UNIVERSAL HAND WHEEL PLOW. No. 10.

This little labor saving implement is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover, and to cultivate. The mould board is of steel, polished and tempered.

Price \$2.25.

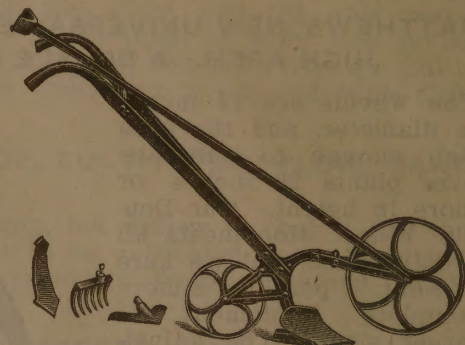


MATTHEWS' NEW UNIVERSAL HAND PLOW. No. 9.

This is the same Plow and Standard as used in the new Universal Hand Wheel Plow, only fitted with a long handle, to be drawn, instead of pushed. Price \$2.25.

MATTHEWS' NEW UNIVERSAL HAND WHEEL PLOW, ETC.

Same as the Hand Wheel Plow, but has 12 inch wheel and the following attachments: 1 Landside Plow, 1 Sweep or Scuffle, 1 Rake and 1 Cultivator. No. 112, price \$2.75.



Garden Plow, Etc., with Push Bar.

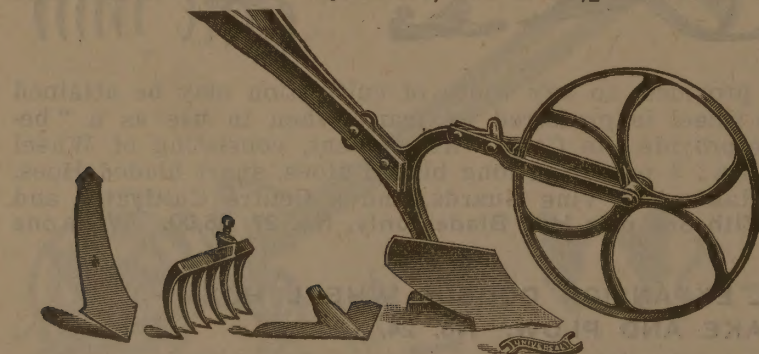
MATTHEWS' NEW UNIVERSAL STEEL FRAME GARDEN PLOW AND ATTACHMENTS, WITH REAR WHEEL AND PUSH BAR. No. 118.

Same as above plow, only having push bar coming up between handles from the front wheel and which takes the weight off the body, thus making the work easier; the rear wheel is a great addition. Front wheel is adjustable, and is 15½ inches in diameter; the handles are also adjustable.

Price \$4.25. Without Push Bar, \$3.75.

MATTHEWS' NEW UNIVERSAL STEEL FRAME GARDEN PLOW AND ATTACHMENTS. No. 8.

This implement, we believe, will prove a very acceptable addition to our line. The wheel is adjustable, and is 15½ inches in diameter. The handles are also adjustable. The finish is in the same style as our other implements of this well-known line. The attachments are: 1 Landside Plow, 1 Sweep or Scuffle, 1 Rake and 1 Double Tongued Cultivator. Price, boxed, \$3.25.

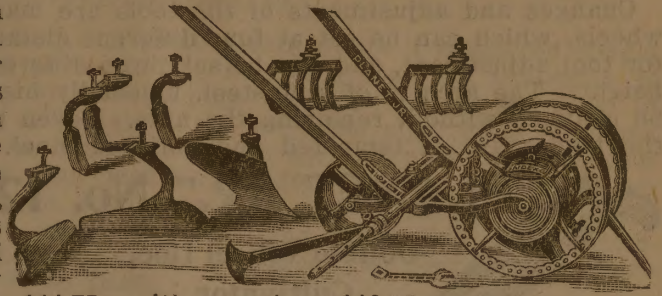


MATTHEWS' NEW UNIVERSAL STEEL WHEEL GARDEN PLOW AND ATTACHMENTS, WITH REAR OR TANDEM WHEEL. No. 216.

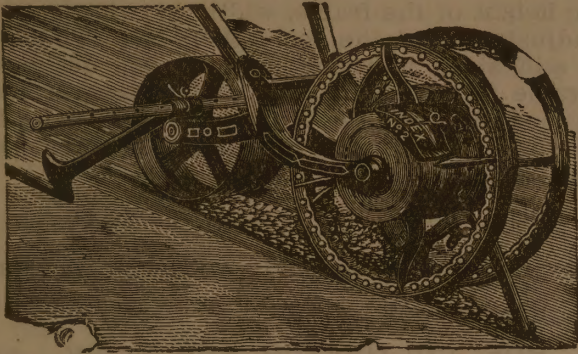
It is equipped with a front 16-spoke steel wheel, 24 inches in diameter, and with 1¼ in. face. By use of the rear wheel the implement is more easily pushed over the unevenness of the soil. The wheels are adjustable as well as the handles. The finish is the same as in the other New Universal tools. Attachments furnished are: 1 Landside Plow, 1 Sweep or Scuffle, 1 Rake and 1 Double Tongued Cultivator. Price, boxed, \$3.75. No. 208, same as No. 216, without rear wheel. Price, boxed, \$3.25.

"PLANET JR." COMBINED DRILL, WHEEL HOE, CULTIVATOR, RAKE AND PLOW. No. 1.

As a Seed Drill it is the same as No. 2, except in size. It holds 3 pints. Each tool is supplied with 1 pair of long hoes, 1 pair rakes, 3 reversible cultivator teeth, and a large garden plow. As a hoe it works safely and closely both sides of a row at once when plants are small, between rows when plants are large, working all rows up to 16 inches wide at one passage. As a plow it opens furrows, covers them, hills, plows to and from, etc. As a cultivator it is admirably adapted to deep mellowing of the soil. All the blades are tempered and polished steel. Easily changed from a drill to its other uses. Price, boxed, \$11.75; without rakes, \$10.75.

**THE "PLANET JR." NO. 2 SEED DRILL.**

Sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row in the most perfect and reliable manner, all at a single passage. It holds three quarts. It has no cams, cover brushes, cogs, springs or shakers to get out of order; it is noiseless, automatic, self-cleaning and accurate; remarkable for simplicity, strength, and for ease and perfection of work in the field. It can be set to run deep or shallow, and the seeds are deposited in a narrow line. Price, boxed, \$8.50.

**"PLANET JR." No. 3 HILL AND DRILL SEEDER.**

This is the same tool as the No. 5 Seeder and just as good, except that it is smaller in size. The hopper holds three quarts. 15-inch patent steel driving wheel, with broad face, which makes the drill run easily, even when full. The quantity of seed is regulated by an accurate index, conveniently placed at the top of the handle, and carefully graduated for either hill dropping or drilling. The flow of seed is started or stopped by a single movement of the forefinger. The roller is broad and hollow faced, leaving a wide, smooth track for the wheel hoe. Price, boxed, \$12.00.

"PLANET JR." NO. 4 COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

This admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator and a plow. It holds two quarts, and as a seeder sows in continuous rows, or drops in hills at different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden plow, or cultivator. Price, complete, boxed, \$12.50; as Drill only, \$10.25.

"PLANET JR." NO. 5 HILL AND DRILL SEEDER.

This Seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also sows in hills at 4, 6, 8, 12 or 24 inches apart: It is thrown out of gear instantly by removing a convenient lever; or, the flow of seed is stopped by pushing down the seed rod. No time is lost; no seed is wasted. It is quickly set to sow different kinds of seed in the exact thickness desired. It covers and rolls down light or heavy, and marks the next row clearly, 16½ inch patent steel drive wheel; hopper holds five quarts; it runs light, and sows equally well with a full hopper or a tablespoonful of seed. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect. Price, boxed, \$14.50.

"PLANET JR." NO. 6 COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

It will drop in hills and sow in drills all garden seeds with the greatest regularity to any exact depth required. Covers, rolls down and marks the next row all at one operation. The handles are adjustable for either man or boy. The wheel is 16½ inches high, making it an easy running tool. The feed is the most accurately constructed and the cut-off works smoothly and accurately. It drops in hills 4, 6, 8, 12 and 24 inches apart, and the change from hill to drill and vice versa can be made in a few seconds. The index is of a new design, easily adjusted by means of an accurate thumbscrew. As a Wheel Hoe, Cultivator and Plow it is an exceptionally easy running tool. The equipment consists of two 6-inch Planet Jr. Hoes three improved Cultivator Teeth, and a large Garden Plow. Taken altogether it is the most complete tool sent out by the Planet Jr. Company. Price, boxed, \$15.25; as drill only, \$12.50.

"PLANET JR." NO. 25 COMBINED HILL AND DRILL SEEDER AND DOUBLE WHEEL HOE.

It is large enough for field use, for it holds 2½ quarts, and has 11¼ inch wheels, which are just the right size. As a drill it is almost identical with the "Planet Jr." No. 4 Drill, will sow in drills or hills, 4, 6, 8, 12 or 24 inches apart, and has the same automatic device for throwing out of gear and the new combined cut-off and seed index with thumb-screw adjustment. As a Wheel Hoe it is identical with the "Planet Jr." No. 12 Double Wheel Hoe. The change from Drill to Wheel Hoe takes but a moment. Price, boxed, \$15.25.

"PLANET JR." NO. 11 DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

Changes and adjustments of the tools are made with the greatest quickness. It has 14-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set three different heights. The handles are adjustable at any height. The arch is of stiff steel, unusually high, the quick change frame permits the tools to be changed without removing the nuts. Seven pairs of tools go with the complete wheel hoe. All the blades are of tempered and polished steel. **Price \$10.25.**

**"PLANET JR." No. 12**

**Double Wheel Hoe,
Cultivator
and Plow.**

This tool has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set at three different heights. The handles are adjustable, and being attached to the arch, are entirely undisturbed in making changes in the height of the frame, width of wheels, or in the adjustment of the tool otherwise. The arch is of stiff steel, unusually high. The design of the frame is novel, allowing all changes of tools to be made without removal of the nuts from the standards. All the blades are tempered and polished steel.

Price, boxed \$8 00

No. 13—This tool is the No. 12, with 6-in. Hoes only

Price, boxed \$5 25

"PLANET JR." NO. 14 DOUBLE WHEEL DISC HOE, CULTIVATOR AND PLOW.

This new tool will give excellent satisfaction; especially pleasing to all. There are three discs, oil tempered, on each side, which may be all used at once or two on a side, as preferred. With the leaf lifters the work can be done without danger of cutting off the leaves and injuring the plants. The discs are also adjustable for depth and to throw to or from the row as desired. The set of prong-cultivator teeth is constructed on entirely new lines, and will be found invaluable in general cultivation. The tooth next to the row is narrow and is arranged to run shallow, the middle tooth is wider and runs $\frac{1}{2}$ inch deeper, while the outside tooth is very much wider and runs $\frac{1}{2}$ inch deeper still, so that the work is finer and more delicate next to the row, to avoid injury to the roots of plants, and deeper in the centre. The teeth are also set out of line from front to back, which makes them work with greater freedom. The plows are the regular "Planet Jr." model. **Price complete, \$9.00; plain, \$6.75.** The attachments will fit the Double and Single Wheel Hoes and are sold separately if desired. **Prices, Discs, per pair, \$3.00; 3-prong Cultivator Teeth, per pair, \$1.75.**

"PLANET JR." NO. 16 SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

This is a perfect Wheel Hoe for gardens or private places. It is very light, strong and easy running, has adjustable handles and frames, easily adapted for quick changing of teeth. The equipment is a most useful one, and will be found just right for a great variety of work. The frame changes in height and the wheel to the other side of the frame, to hoe both sides of the row at once. **Price, boxed, \$6.75.**

No. 17—This tool is the No. 16, without the leaf guards or rakes. Price, boxed, \$5.75.

No. 17½—This tool is the No. 16, without the plow or rakes. Price, boxed, \$5.00.

No. 18—This tool is the No. 16, with one pair 6-inch hoes only. Price, boxed, \$4.00.

"PLANET JR." NO. 38 SINGLE WHEEL DISC HOE, CULTIVATOR AND PLOW.

Complete \$8.00; plain, \$5.50.

**"PLANET JR." DOUBLE WHEEL BUNKER AND TRAP WEEDER, AND LEVELER.
FOR GOLF COURSES.**

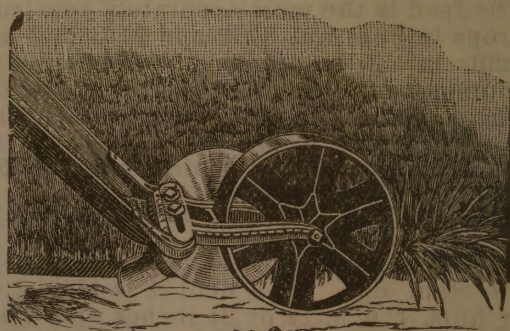
This new member of the family has been brought out to meet the demands from the green keepers of various golf courses for a tool with which to keep the sand in the bunkers free from weeds and in good condition. It is used at the speed of a moderate walk, a forward stroke being made at each step. Admirable as a wheel rake and leveler, finishing a strip thirty inches wide at each passage. It has been used extensively in England and Scotland, and gave such excellent satisfaction that we now offer it here. A few were sold for the first time last year in America and proved satisfactory in every respect. **Price, boxed, \$9.00.**

"PLANET JR." GRASS EDGER.

Extreme neatness is the great secret of attractiveness in grounds surrounding a house. The Grass Edger assists wonderfully in producing this effect. It will edge either straight or curved work, paths, drives, open borders or flower beds. Strawberry growers find the Grass Edger, with the hoe removed, a rapid and perfect tool for cutting off surplus runners. **\$7.25.**

EUREKA SEED DRILL.

For kitchen garden and hot-beds only. It sows and covers beets, cabbage, carrot, celery, lettuce, onion, radish, spinach, turnip seeds and flower seeds with the greatest regularity. Force feed. Splendid for hot-beds. Sows close to the sides in straight rows. Not a toy, but a strong, practical machine that will last and give satisfaction. **\$1.25 each; postpaid \$1.75.**



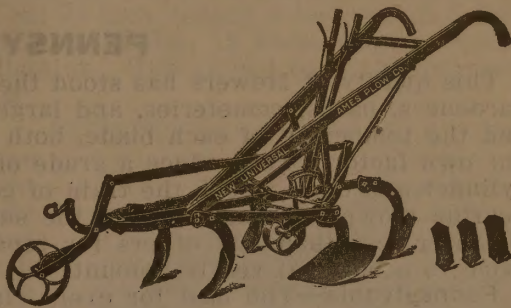
NEW UNIVERSAL HARROW CULTIVATOR NO. 49.



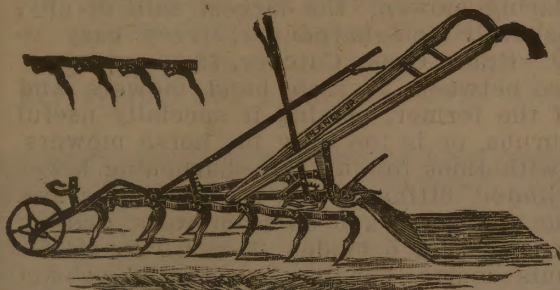
For fine work among small plants where it is desired simply to loosen and pulverize the soil, this style of cultivator is unsurpassed. It is especially desirable in the working of strawberries. Adjustable and reversible steel teeth, diamond shaped, may be used either end up, and may be set either straight or slanting backward or forward. One end of each tooth is cut plain, while the other end is curved and forged. It has 14 teeth, expanding lever and wheel lever. We recommend this implement as the strongest and best Harrow Cultivator made. Price \$8.00.

NEW UNIVERSAL HOLLOW STEEL STANDARD HORSE HOE AND CULTIVATOR. No. 42.

The new universal Horse Hoes and Cultivators are recommended as strictly first-class, and the peer of any similar implement on the market. The frame is made of special quality steel, and is longer and higher than usual to give better control of the implement and keep clear of trash. The tooth standards are pressed from hard sheet steel, forming a hollow back and a round front. They are strong and easy of adjustment. The hoe standards take either hilling mould or cultivating teeth, and may be turned all the way round to give any sideways angle desired, and to use the hilling moulds with point foremost or the reverse. The expanding bars are strong and are reinforced by the outside handle braces. The wheel lever and expanding lever are so shaped as not to interfere one with the other. It has the rear depth regulating wheel, which is operated by wheel lever in unison with front wheel, which keeps it perfectly level under all conditions. This may be detached if not wanted. The handles are of increased length to correspond with the long frame, and are adjustable. Attachments: Five Cultivator Moulds, three Hoe Moulds, Expanding Lever and Wheel with Lever.—Price \$8.50.



THE "PLANET JR." TWELVE TOOTH HARROW, CULTIVATOR AND PULVERIZER.



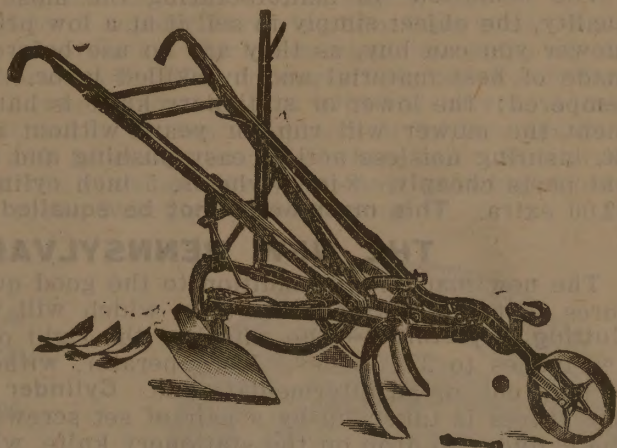
This tool is offered as the very best known for its intended purpose. The frame is high. The blades are an inch wide, and of such shape as to work in the most thoroughly satisfactory manner, and to offer an unusual amount of wearing surface, the recurved throat of the tooth and the high frame preventing clogging. The reverse position is quickly given to the teeth by changing a single bolt in each. The frame is heavy and strong. The teeth are set straight with the line of motion, at medium width, and are interchangeable. They may be worn off three inches before requiring renewal, and yet retain their original cutting width, and are cheaply replaced when worn. The tool has our lever expander and lever wheel, by which the depth and width may be changed instantly while in motion from 32 to 12 inches, and also a thorough pulverizer attachment, which leaves the ground in the finest condition. The pulverizer is controlled by a lever, which is operated instantly by the foot while in motion. For fine cultivation, either deep or shallow, or for working among small plants, this tool has no equal. It cultivates deep, without throwing earth upon the plants, and the teeth turn strawberry runners without injuring them. Price, with Wheel, \$9.00. Complete, with Pulverizer, etc., \$10.50. Strawberry Runner Cutter Attachment, \$2.50 extra.

nal cutting width, and are cheaply replaced when worn. The tool has our lever expander and lever wheel, by which the depth and width may be changed instantly while in motion from 32 to 12 inches, and also a thorough pulverizer attachment, which leaves the ground in the finest condition. The pulverizer is controlled by a lever, which is operated instantly by the foot while in motion. For fine cultivation, either deep or shallow, or for working among small plants, this tool has no equal. It cultivates deep, without throwing earth upon the plants, and the teeth turn strawberry runners without injuring them. Price, with Wheel, \$9.00. Complete, with Pulverizer, etc., \$10.50. Strawberry Runner Cutter Attachment, \$2.50 extra.

THE "PLANET JR." NO. 8 HORSE HOE AND CULTIVATOR.

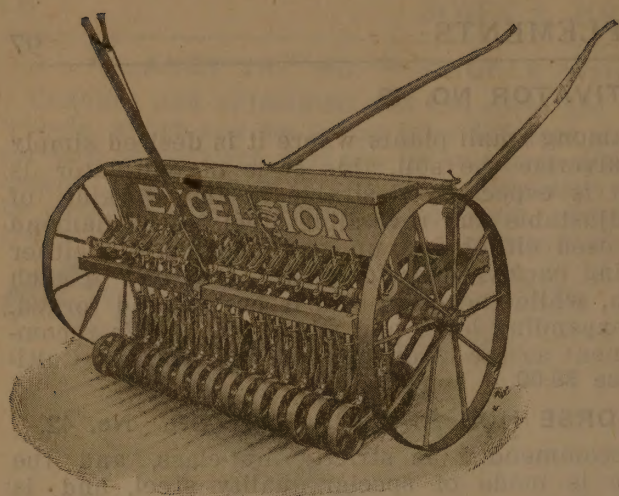
This machine is very strongly made, yet light and easy to handle.

The frame is longer than usual, and about one and a half inches higher, making a tool that will not clog easily. The standards are framed up hollow, with round throats of stiff steel; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it. The depth is under perfect control by means of a new lever wheel and the new patented depth regulator; these are moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator. The Expander—This is an entirely new pattern, superior to other forms; exceedingly strong, simple, accurate and positive in all positions. Handles and Braces—These are also absolutely new, and the most effective and stiffest combination known, at once making the tool rigid, yet allowing every adjustment of the handles in height and sidewise. The Reversible Side Hoes, patented, are an important part of the implement. As shown in the cut, they act as plows or hillers, but when turned end for end the tool becomes a genuine horse hoe, working so shallow and so closely, without injury to the roots, that an immense amount of hand labor is saved. Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. Price \$10.50.



We have Special Catalogues giving full description and directions in regard to Lawn Mowers, Spray Pumps, including Spraying Calendar and Mixtures, Drills, Hoes, Cultivators, etc.

We mail these on application.



ONE HORSE GRASS SEEDER

See page 110

GEYSER LAWN SPRINKLER

See page 108



PENNSYLVANIA LAWN MOWERS

This quality of Mowers has stood the test for 30 years, and there is nothing as good for jobbing gardeners, parks, cemeteries, and large private grounds. The use of high cost steel in our knives and the tempering of each blade, both stationery and revolving, is confined to our works. Having our own factory, we produce a grade of casting better than we can buy. Having originated the open cylinder and open wheel, the train of gears, the self-sharpening mower, and the first successful ball-bearing mower, we have proved the superiority of our mechanical equipment. The machines cost the user less than any others for repairs and re-sharpening, and their long life reduces the original price to a nominal yearly amount.

Pennsylvania—The best for every class of work; will last longer and do more than any other machine; 8 inch wheels, 4 blades, 5½ inch cylinder. 16-inch, \$12. Braun Grass Catcher \$2.00 extra.

Pennsylvania Junior, Ball Bearing—The perfection of lawn mower construction, 5 tempered crucible steel blades, self-sharpening lower knife, ball bearing cylinder journals, 8-inch wheels, 5 blades, 5½ inch cylinder. 16-inch, \$12.00. Braun Grass Catcher, \$2.00 extra.

Great American Ball Bearing—The first successful ball bearing mower; the largest sale of any, and the best all-round mower of its class in the world. Positively self-sharpening; very easy to run. 10 inch wheels, 5 blades, 6-inch cylinder. 17-inch, \$13.00. Braun Grass Catcher, \$2.00 extra.

Pennsylvania Pony Mower—This machine bridges the space between 21 inch hand mowers and horse size, combining strength of latter with the mobility of the former, making it specially useful on large lawns, where the surface is broken by walks and shrubs, or is too hilly for horse mowers. It can be handled by two men. The 4-knife machine is fitted with Enos folding self sharpening lower knife, double train of gears, extra wide blades, and large cylinder, fitting it for use in high grass. The 6-knife machine has the upturned lower knife used in our golf, hand and horse mowers, making it unrivalled for fine lawns and golf greens. 4-blades, 25-inch cut, \$45.00; 6 blades, 25-inch cut, \$52.50.

Golf Ball Bearing—Is especially adapted for golf links, tennis courts, bowling greens and cricket creases. Can be adjusted to cut 3-16 of an inch, practically shaving the lawn. Has sectional iron roller, 8 inch wheels, 5½ inch cylinder, 6 blades, high-class. Price, 16-inch cut, \$20.00. Special grass box, \$3.00 extra.

Putting Green—Unexcelled for cutting undulating or wavy greens, also Tennis Court and Cricket Creases and Lawns requiring very close and smooth cut. Has cast iron roller 7 inches in diameter, six blades; 5-inch cylinders. Price, 16-inch cut, \$18.00. Special Grass Box, \$3.00 extra.

Delta Ball Bearing—A cheaper machine but Pennsylvania quality and warranted to give satisfaction. High grade at low price. Has dust-proof bearings, 8-inch wheels, four blades, 5-inch cylinder. Price, 16-inch cut, \$6.50. Braun Grass Catcher, \$2.00 extra.

The Hamilton—In manufacturing the most of low priced machines, no thought is given to the quality, the object simply to sell it at a low price, with the result that you have the most expensive mower you can buy, as they are no use before a season is over. This make is different, as it is made of best material and by skilled labor. The blades are crucible tool steel, oil hardened and tempered; the lower or stationery knife is hardened spring steel, and by keeping in proper adjustment the mower will run for years without sharpening. The castings are machined to accurately fit, insuring noiseless action, easy pushing and smooth cutting. We can replace any broken or worn out parts cheaply. 8-inch wheels, 5 inch cylinder. Price, 16-inch cut, \$4.00. Braun Grass Catcher, \$2.00 extra. This machine cannot be equalled at the price.

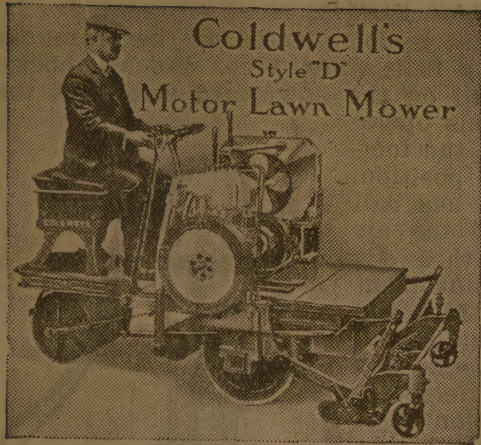
THE NEW PENNSYLVANIA GRAND HORSE MOWER

The new machine, in addition to the good qualities of our regular Horse Mower, has some features that are distinctly its own, which will recommend it to all who use horse power machines.

Cutting Adjustment—The wheel at the right of the driver's seat regulates the height of cut from ¾ inches to 2¾ inches. The operator, without leaving his seat, can instantly change from low to high cut, or an intermediate one.

Cylinder Adjustment—All wear of either revolving or stationery knives is taken up by a pair of set screws on the top of the cylinder journal boxes, allowing the cylinder to drop on the stationery knife, which is rigidly bolted and remains fixed in place. The cylinder journals run in phosphor bronze boxes, and these are split, so that all wear can be taken up by a set screw. The journal box is floating or self aligning, similar to that used so successfully for the past twenty years in our New Departure Hand Mowers.

Self-Sharpening Stationary Knife—This blade is made of crucible tool steel, hardened and tempered, and is the raised lip or upturned edge style, peculiar to our horse mowers. If kept in adjustment the machine will not require sharpening until the lower blade is worn flat, when a new one can be had at less than the usual cost of regrinding other makes. Diameter of cylinder 7½ inches. Diameter of drums or rollers 15 inches. Price, complete with seat, shafts, etc., 30-inch cut, 4 blades, \$115; 6 blades, \$125. Braun Grass Box, \$18.00 extra. 38-inch cut, 4 blades, \$142.50; 6 blades, \$155.00. Braun Grass Box, \$27.00 extra.



COLDWELL HORSE LAWN MOWER—Without any exception, the best Horse Mower made. In use exclusively at the 1900 Paris Exposition, Pan-American, 1901, etc., and received the highest awards. In use in all the large Parks and by most of the Golf Clubs in the United States. Made with heavy rollers, driver's seat, shafts and side draught attachment, and have attachment for raising knives when crossing walks and drives. 30 inch cut, \$90.00, 35 inch cut, \$110.00, 40 inch cut, \$140.00. These are made with four blades in the cutter. Where six blades are required for very fine cutting, add \$5.00 to each machine. Horse Boots, \$15.00 per set (4).

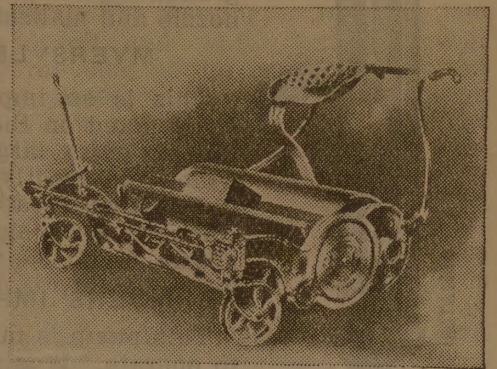
COLDWELL MOTOR LAWN MOWER—Now largely used in large parks and golf links. It is simple in construction, powerful and strongly built. The high speed of cutter and heavy weight roller is just what is required, and its high grade motor enables it to cut on any grade found on a lawn. It will do the work of three horse machines at about the cost of operating one. Width of cut 40 inch, length 8 feet, width 5 feet, height 55 inches. Weight 2,300 lbs., 12 horse power. Catalogue and price on application. Guaranteed by manufacturers.

THE PENNSYLVANIA BALL BEARING LAWN TRIMMER AND EDGER.

To meet the demand for a serviceable tool to take the place of grass shears and other devices for cutting the grass left at the edge of the lawns after mowing, we have revived a little machine which we made 26 years ago—reducing the weight and adding ball bearings to the cylinder. The new machine will cut to within three-eighths of an inch of wall or tree trunk and mow any border wide enough to run one wheel on. Its construction is similar to all other Pennsylvania products—crucible tool steel in both cylinder and stationery blades. Self-sharpening. Ball bearings with patented Pennsylvania adjustment. Built for service and long life. Light running. Easy to handle. Price \$6.00.

UNDERCUT BALL BEARING LAWN TRIMMER.

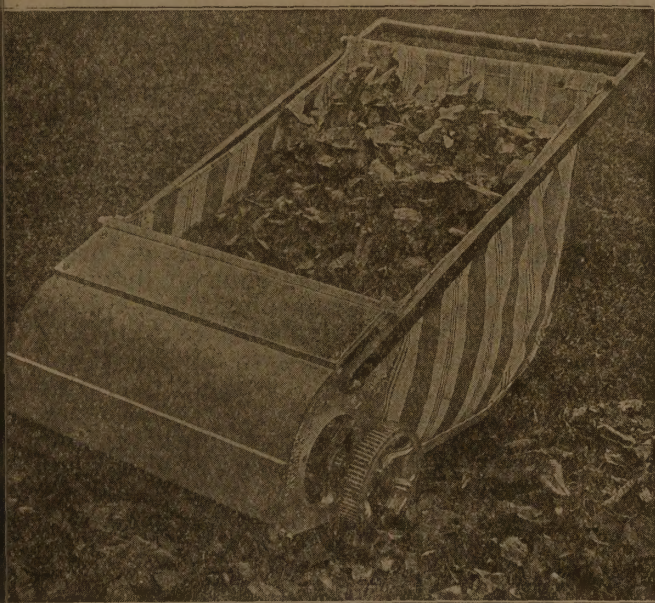
An improvement on above in that it will cut under a fence or any overhanging projection. Price \$9.00.



Coldwell Horse Mower.

THE GEM LAWN CLEANER.

This machine will clean your lawn more thoroughly and quickly than three or four men can do it with hand rakes, and will greatly benefit the turf. It leaves the grass standing up straight and strengthens up the grass and other running weeds so they will be cut closer by the lawn mower and sooner destroyed. It is made of metal, wood and canvas, and is put together in the most durable and thorough manner. This combination makes it lighter and less noisy than all metal. It combines strength and durability with light construction. It cleans twenty-four inches—longer rakes make the work too heavy, and any shorter do too little work; only one size is made. A strong current of air, created by a rapidly revolving fan with metal teeth, is the principle by which this machine cleans a lawn. The metal teeth rake up everything on the surface of the lawn, in combination with the current of air, carry it to the canvas receptacle or basket, which is large and is easily emptied when full. Cut grass left on the lawn smothers the new growing shoots. \$18.00 each. We highly recommend it.

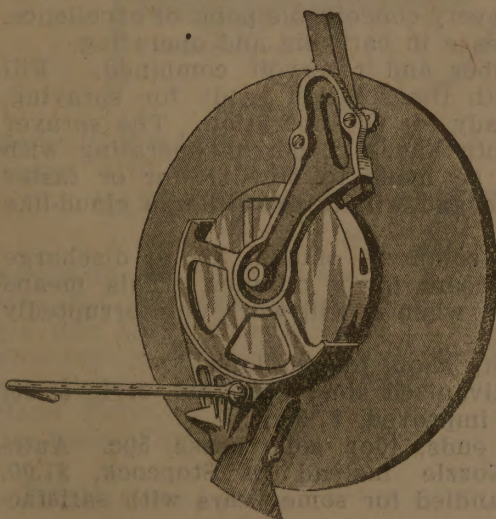


EUREKA SEED DRILL

See page 96.

NIAGARA LAWN SPRAY

See page 108.



MYERS' BUCKET SPRAY PUMP.

Is constructed entirely of brass, a material that is not affected by the poisonous arsenites used in different formulas for spraying fruit trees, vines and shrubbery. It is so arranged that the labor of pumping is all on the downward stroke of the piston and nothing on the up; the effect of this operation while pumping is to hold the pump down, the footrest steadies the pump, holding it in a proper position. It is provided with a large air chamber, and has ball valve. The pressure is held uniformly in the air chamber and on the hose, so that the nozzle throws a continuous spray, and is not affected by the movement of the plunger. Will throw a solid stream fifty feet, and is of unusual value for washing windows, buggies and extinguishing fires, sprinkling lawns, flowers, etc. For spraying it is arranged so as to discharge a fine jet at the bottom of the bucket and keep the solution thoroughly mixed and agitated, a feature peculiar to this pump only and a very necessary feature to a spray pump. Brass Pump with Agitator, complete with hose, graduating Vermorel, fine, coarse spray and solid stream nozzle and malleable footrest, \$4.50.

MYERS' LEVER BUCKET SPRAY PUMP.

This is an improvement on the above pump, being constructed on the same principle, but differing by having an extra large air chamber and a lever handle, which add greatly to the ease in pumping; it has also a top casting to attach to a barrel if preferred. Price complete with agitator, hose and graduating Vermorel nozzle, \$5.00.

MYERS' IMPERIAL BARREL SPRAY PUMP.

This pump is made of brass, and is powerful and easy to operate. It is made on same principle as the Bucket Pump, but larger—has lever handle, 2-inch cylinder and air chamber, patent agitator, ample capacity for two

streams, and is fitted with a top casting to bolt to chime of barrel. Complete with 5 feet of ½-inch 3-ply hose and graduating Vermorel nozzle, \$10.00.

Eight foot Extension Pipe, for above Pumps, 50c extra.

MYERS' FOUNTAIN KNAPSACK PUMP.

It is constructed of first quality of galvanized iron, with round corners, removable strainer and tight lid, which prevents liquid from splashing on operator. It is fitted with adjustable straps so as to be carried on the back, or can be carried by bail. It is tapped at both right and left hand lower corners, and fitted with brass female ends, to which hose is attached, either one or two strings of which may be used at one time. When one hose only is used, the other opening is closed with a metal plug, furnished for that purpose. The hose and bulb used are made of the best white rubber, and protected at each end by coiled wire to prevent breaking. The valves are made of brass and will not corrode, have large openings which permit the free flow of water, and shut off instantly when under pressure. The nozzle is made of brass, nickel plated, has 50 small openings, and throws a spray 6 feet wide at a distance of 12 feet. The pump is operated by grasping the bulb in the hand and compressing it, which causes a spray to be thrown any distance from 3 to 15 feet if desired, on relaxing the pressure on the bulb it expands, refilling instantly, when the same operation can be repeated. To shut off flow of water entirely, use valve on hose for that purpose. The operator can cover one or two rows of plants or vines if desired, and do the work at a rapid walk, thus covering a large amount of territory in a very short time. Holds 5 gallons. Weight 52 lbs. when full. All working parts are brass.

Pump, with one tube, rubber bulb and rose, \$4.00. Pump, with two tubes, rubber bulbs and roses, worked by both hands, \$5.50.

THE AUTOMATIC SPRAYER, IMPROVED FOR 1914

A self-operating or automatic sprayer. You hold the hose, the machine does the work. The climax of all Sprayers; combines every conceivable point of excellence, including economy, durability, low price and ease in carrying and operating.

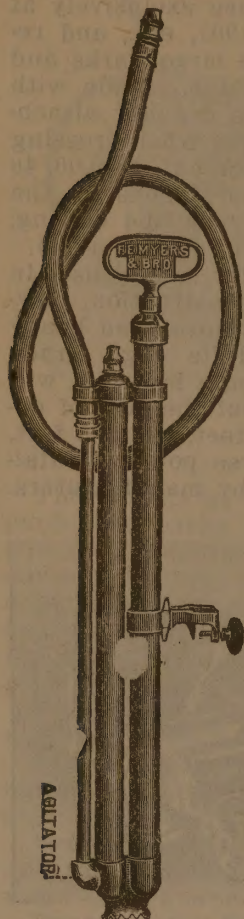
DIRECTIONS—This cut shows the air chamber and reservoir combined. Fill the reservoir not more than two-thirds full with the solution ready for spraying, insert air pump at the end of can and all is ready for the operation. The sprayer being carried by the shoulder strap, leaves both hands of person operating with nothing to do but direct the spray. Spray can be made to flow slower or faster by merely turning the cock of the spray nozzle and will throw either a cloud-like shower or a solid stream.

A few strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous stream for 9 minutes. This means that the Sprayer can be charged in 15 seconds, when it will work uninterruptedly long enough to spray ¼ acre of potatoes.

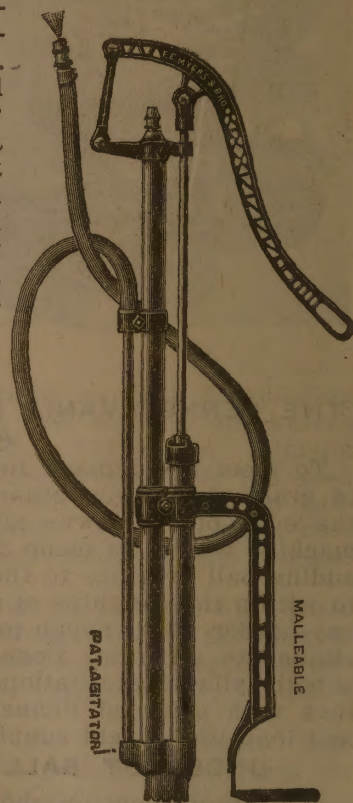
Weight, empty, 7 lbs.; loaded 39 lbs.; capacity about four gallons.

Prices—Sprayer, complete with hose, stopcock and nozzle, galvanized steel tank, old style \$5.00, latest improved \$5.50; with brass tank, old style, \$7.00; latest improved, \$7.50.

Extras—Extension pipes, 2 ft. lengths, galvanized steel, brass ends, 40c; solid brass, 50c. Auto-Pop and Auto-Choke Nozzle, \$2.00. Auto-Pop and Auto-Choke Nozzle instead of Stopcock, \$1.00. We highly recommend the Automatic Sprayer, which we have handled for some years with satisfaction to our customers.



Myers' Bucket Pump



Lever Bucket Pump.

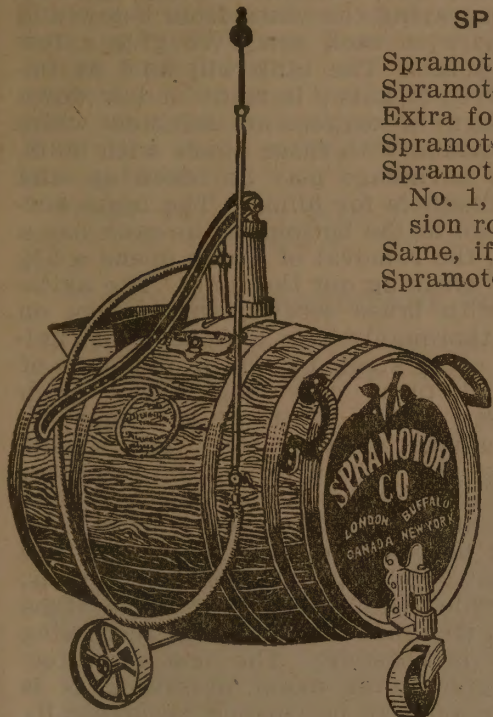
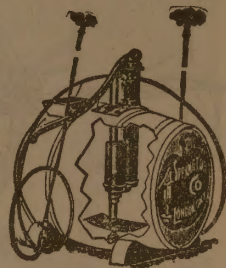


SPRAMOTOR OUTFITS

The Spramotor is so favorably known in Canada that we can only say we know of no better spraying machine. These machines were awarded the Government Spraying Contest, the Gold Medal at the Pan-American Exhibition, and the highest awards at Glasgow, Toronto, Ottawa and Halifax, and has lately been awarded Gold Medal at National Horticultural Congress at Council Bluffs, and purchasers may be sure of getting strictly high-grade machines.

SPRAMOTOR FRUIT SPRAYING OUTFITS.

Spramotor Jr. No. 1	\$10 00
Spramotor Jr. No. 2	13 00
Extra for all brass	3 00
Spramotor Jr. No. 1, with 10 ft. hose and nozzle	12 00
Spramotor Jr. Outfit No. 110, being Spramotor No. 1, with hand valve, 10 ft. hose, iron extension rod, with drip guard and 2 nozzle cluster..	15 00
Same, if with bamboo extension pipe, No. 107..	16 50
Spramotor Outfit No. 112, being Spramotor No. 2, with hand valve, 10 ft. hose, bamboo extension rod, with drip guard and 2-nozzle cluster..	\$19 50
Same, with 3-nozzle cluster, No. 113	20 35
Extra, with barrel and screen	3 50



The cut to the left represents the Spramotor Painting Machine, for the application of oil and water paints. Will pass through any opening the size of the cask. It is fitted with patented quick release plates, which allow the machine to be removed instantly. New patent immovable strainer and by-pass, which allows the mixture in the machine to pass back into the barrel when through with the machine. Price, complete with all new improvements.. \$25 00
 Extra for all brass 3 00
 Extra for 2-nozzle cluster 1 00
 Extra for No. 2 Spramotor, in place of No. 1 3 00
 Extra for hose, per foot 14

Nothing about the spraying outfit is of such vital importance as the nozzles, which, if faulty, will not apply the spray in the proper way, nor save the crop. The greatest care is exercised with Spramotor nozzles, and they are as near perfection as possible.

NOZZLES.

Single Nozzle	\$0 75	3-nozzle cluster..	\$2 60
Double Cluster	1 75	Y Connection	60

STOPCOCKS.

Plain	60c	Leakless	80c	Patent Hand Valve..	\$1 00
Ten foot Hose and Couplings, \$1.25. Drip Guards, 40 cents.					

10 FOOT EXTENSION RODS.

Bamboo Extension Rod, with Drip Guards..	\$2 50
Iron Extension Rod..	60

ROW SPRAYERS.

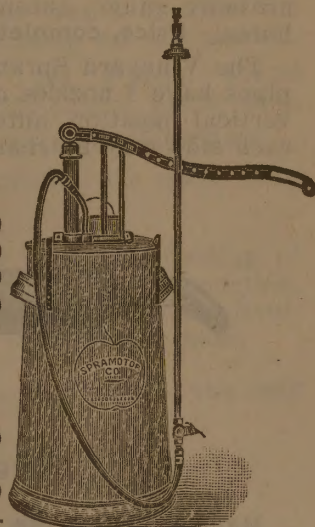
2-row Brass Sprayer, with nozzle	\$3 70
3-row Brass Sprayer, with nozzle	5 30
4-row Brass Sprayer, with nozzle	7 00
5-row Brass Sprayer, with nozzle	9 60

SPRAMOTOR CAN OUTFITS, AS SHOWN.

Spramotor No. 0, with 2½ feet hose and nozzle	\$7 00
Extra, for heavy galvanized can	2 00
No. 103, same, if with bamboo extension pipe, hand valve and can..	\$12 75
Spramotor Outfit No. 102, as shown, for spraying fruit trees, with 10 feet hose, hand valve, extension pipe, with drip guard, without can	\$10 00

THE SPRAMOTOR WHEEL OUTFIT, NO. 105.

With No. 0 Spramotor, fitted as illustrated, with 5 feet of hose, patent hand valve, 8 foot extension pipe, with patent drip guard and nozzle. Price, complete ..	\$18 00
Same, if with bamboo extension pipe, 8 or 10 feet..	19 60
Same, if with all brass, No. 0	20 60



Same, if fitted with No. 1 instead of No. 0	23 60
Same, with No. 1, all brass	26 60

HAND SPRAMOTOR OUTFITS FOR POTATO, MUSTARD, VINEYARD AND TREES

OUTFIT NO. 123.

Spramotor No. 2, all brass..	\$16 00
Mounted on 50-gallon cask..	3 50
Six feet Extra Quality Hose..	1 00
Four-row Brass Surface Sprays and Nozzles	7 00
Row Sprayer, Support and Rack..	5 00
Hand Valve	1 00
One-horse Cart	20 00

Total.. \$53 50

OUTFIT NO. 124.

Same as Outfit, No. 123, only with Spramotor Jr. No. 2, with brass working parts	\$50 50
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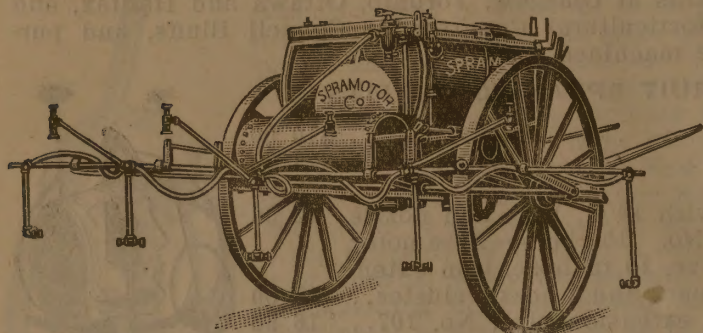
OUTFIT NO. 125.

Same as Outfit No. 123, only with Spramotor Jr. No. 1, all brass	\$50 50
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OUTFIT NO. 126.

Same as Outfit No. 123 only with Spramotor Jr. No. 1, brass working parts..	\$47 50
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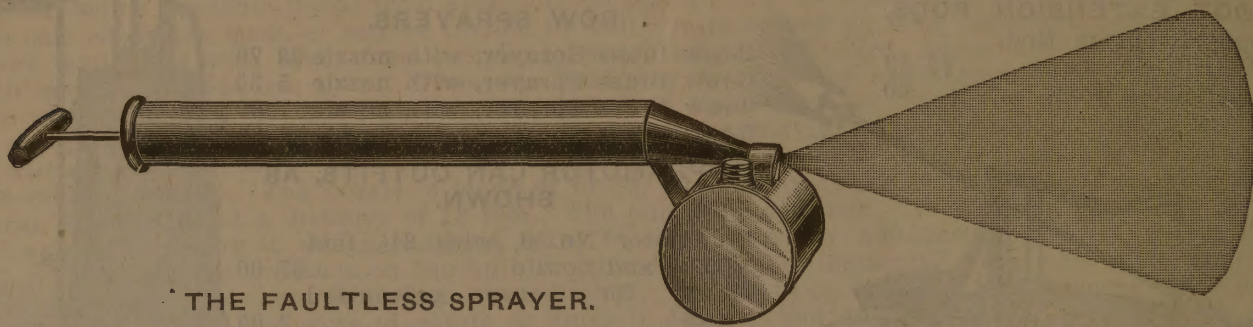
HORSE POWER SPRAMOTOR.



The machine, as shown, is for potato spraying with a four row bottom and top Sprayer. two nozzles spraying the vines from below and one from above to each row. We give a few of its chief points. The tank will hold 84 Imperial or 100 U. S. gals.; is made of low down compact design of cypress or selected white pine, and provided with three bands with bolts, whereby any shrinkage may be taken up, and has a large manhole for filling. The brass suction connection in the bottom of the tank has a screwed cap, the removal of which opens a 2½ inch hole for cleaning out the tank. The agita-

tor is of the revolving pattern, made of wood, fastened together with brass screws, and swings on brass bearings, and actuated by sprocket from the axle. It will thoroughly stir and keep of uniform strength any mixture used in spraying. The axle is of cold roller steel, 1½ in. in diameter, of any length to suit the work to be done; in machined bearings, and turns only one way. Each operates independent of the other, both driving by separate ratchets. The width of row may be changed from 26 in. to 36 in. by simply extending the standpipes along the spray rod. The wheels may also be moved at will to track any width of row desired; have iron hubs with internal ratchets; 48 ins. diameter, 3 in. tires, of best selected stock. The motor is our Special Horse Power Duplex that has 2 in. cylinders and 6 in. stroke, double acting, fitted with automatic self-packing, extra long plungers that will run a season and not leak. These plungers can be removed and replaced in five minutes at any time. With the addition of the large air chamber, orchards of peaches, plums, pears and medium sized apple trees may be sprayed in passing, while the largest sized apple trees may be sprayed by circling the tree, or spraying a quarter of each tree in a row, and then recrossing the rows. With a 4-nozzle cluster a stop of 2-minutes at a time is possible. The nozzle protector is one of the best arrangements yet devised to screen spraying mixtures under pressure. It is made entirely of brass, presents the largest area of double screen, and can be cleaned mechanically from the driver's seat. When it is opened the pressure drives all the sediment back into the tank, and by holding it open, the nozzles are stopped and the fluid allowed to flow into the tank till the pressure is gone. This model machine includes automatic and hand pressure regulator, 200 lbs. pressure gauge, automatic nozzle adjuster, patent nozzle protector, cover for motor, arranged for one horse. Price, complete as shown, \$140.00.

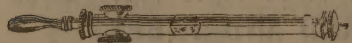
The Vineyard Spramotor is the same in every way as above, except the vineyard spray stand pipes have 4 nozzles on vertical pipes, that are, by means of our Patent Nozzle Adjuster, held in vertical position automatically. The nozzle and pipes are adjustable as to width apart; height and each side may be changed as to width. Price, complete, \$135.00. Derrick for tree spraying, \$5.00.



THE FAULTLESS SPRAYER.

Made in brass and tin; throws spray as fine as mist. Adapted for the destroying of every kind of insect. It is economical, will not drip, and its shape is such that as it sprays up or down, all the liquid is pumped out, leaving but a spoonful in the can. It is absolutely the best constructed sprayer of its class ever offered to the trade. For strength and durability it has no equal. The tapering point to air chamber gives great force to the spray, carrying it to the greatest possible distance. This tapering tube also allows the air chamber to be fastened to the tank in the most substantial manner. The tube of air chamber is soldered to top of reservoir and also supported by a broad strip of metal passing over point of tube. The point of air chamber and small tube through which the liquid passes are thoroughly protected from damage in use or shipping. Piston rod is spring steel wire and cup leather plunger. One-half teaspoonful of Paris Green and one filling with water is sufficient to destroy all the bugs on 1,300 hills of potatoes.

Prices—Tin, with Galvanized Tank, 65c; postpaid \$1.00. All Brass, \$1.00; postpaid, \$1.35.



IMPROVED BRASS GARDEN SYRINGES.

No. 1—Syringe, 18 in. barrel, light brass tube, rose and jet, each \$1.50. No. 2—Gardeners' polished brass tube, with 2 roses and jet, \$3.00. No. 3—20 inch barrel, extra strong, polished brass, with two roses and jet, \$7.50. No. 4—20 inch barrel, undentable polished brass, with two roses and jet, \$8.50. Syringes No. 3 and No. 4 are the best English make.

PLANT STAKES.

We offer Bamboo Canes for staking plants, as follows:— Light weight, 3 ft. tall, at 70c; medium weight, 6 ft. tall, at \$1.20; strong, 8 ft. tall, at \$1.50 per 100; dyed green, 2 ft., 90c, 3 ft., \$1.10, 4 ft. \$1.25 per 100; also Painted Wooden Stakes, 6 inches tall, at 35c; 10 inches tall, at 60c; 12 inches tall, at 75c per 100 here. Require to go by express.

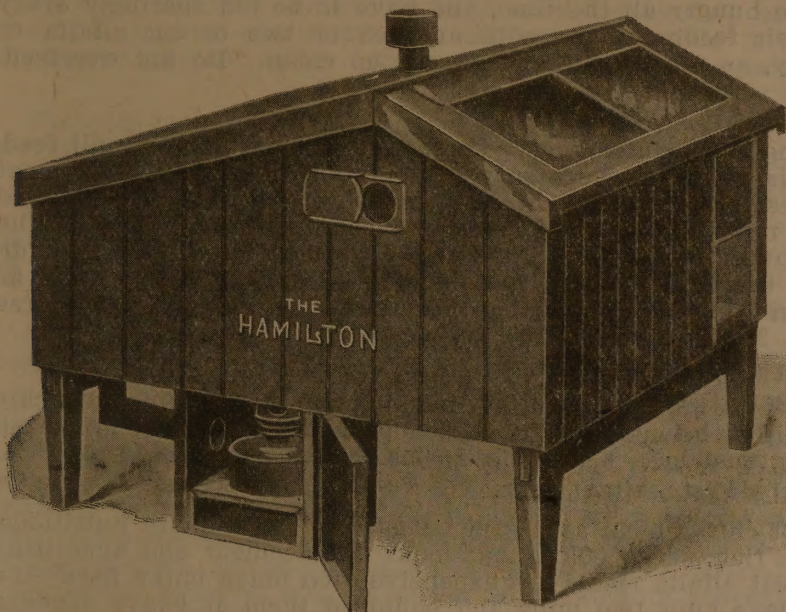
HAMILTON INCUBATORS

This is a strictly first-class machine, easily operated, well made, and of best material, and its hatching qualities are unsurpassed by any machine on the market. Trays are strong plated steel mill wire, thermometers the best, and Smokeless Sun-hinge Burners are used. Egg Tester supplied with each machine. They were awarded diploma at National Exhibition, Toronto, and we will furnish all applicants catalogues with list of testimonials. It is not a cheap machine, but the best, and guaranteed to give satisfaction.

Prices—No. 1, 40 eggs, \$10.50; No. 2, 60 eggs, \$13.50; No. 3, 120 eggs, \$20.00; No. 4, 240 eggs, \$25.00. Prices here.

PILLING LANSDOWNE POULTRY PUNCH.

The best and easiest operated machine for marking chicks, etc., so as to keep record of them. 50c each, post-paid.



HAMILTON BROODERS

An Out-door Brooder is a necessity for chicks can be reared far more successfully with these than with hens. These are well made, like the incubators, and are guaranteed to give satisfaction. It has an artificial heating arrangement and is built to stand all sorts of weather. An Out-door Brooder is preferable to an In-door one, though we make both, for the Out-door one can be used either indoors or out. It has the best burner and lamp on the market.

Price—Indoor, 120 chicks, \$10.50 here; Out-door, 120 chicks, \$10.50 here.

INCUBATOR THERMOMETERS.

The very best made. 85c each, post-paid.

POULTRY CRAMMING MACHINE.

Our Cramming machines are on an entirely new and improved principle, for the force feeding of turkeys, fowls, etc. Quantity of food can be regulated to a minimum. Is more simple in construction, having less working parts. The plunger is self-feeding. Entire absence of air in the plunger. Everlasting wear. Is easier worked. Under the complete control of the operator. \$12.00 each here.

GREEN BONE, MEAT AND VEGETABLE CUTTER.

The famous Webster & Hannum make, the only make to receive the World's Fair Medal—the only machine having a truly automatic feed.

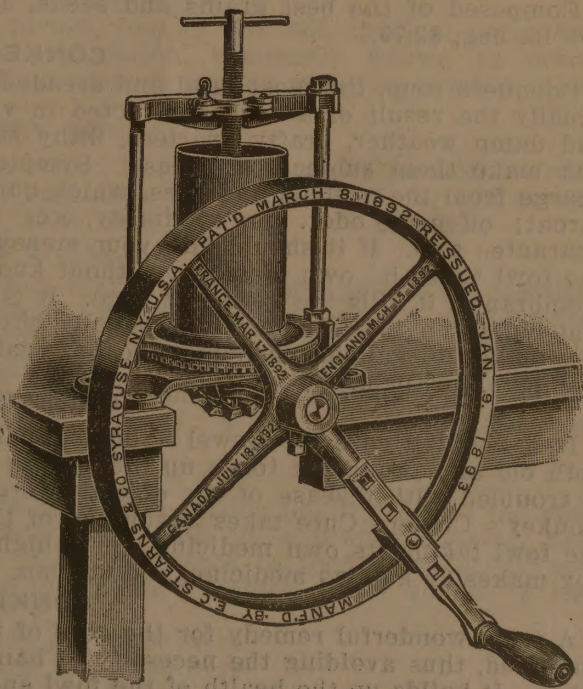
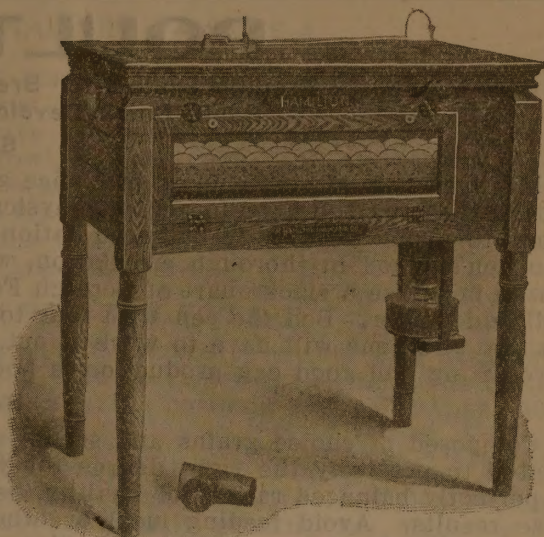
No. 3, with fly wheel, on stand, weight	260 lbs.	\$40 00
No. 7, " " " "	200 "	25 00
No. 6, " " " "	135 "	18 00
No. 6, " " for bench	"	15 00
No. 2, " " " "	56 "	15 00
No. 5, " " on stand	125 "	14 50
No. 4, " " for bench	46 "	10 00
No. 4, " crank	26 "	8 00
Clover Cutter		3 50

STERLING DIARRHOEA REMEDY.

This remedy is guaranteed to relieve young chicks or full grown fowls from diarrhoea, also white diarrhoea and all bowel trouble, unless where young chicks have reached the last incurable stage. It is also a splendid preventive. It is readily taken in their drinking water. Complete directions with the box. Price, box 60c, post-paid.

DIRK'S RED MITE KILLER.

One application kills all mites and prevents their re-appearance during the season. Keeps fowls free from body lice, makes scaly legs bright and clean. Keeps lard, pastry and sweets free from ants. Bed-bugs will give no trouble where used. Price, quart, 65c; ½ gallon, \$1.10; gallon, \$1.95. Booklet free.



Bone Cutter.

POULTRY FOODS

A Perfect Poultry Feeding System for Breeders, Poultrymen and Housekeepers, increasing Healthy, Rapid Chick Development and Increased Egg Production.

SCRATCH FOOD.

Made from a dozen varieties of choice grains and seeds, each selected to perform its special function in keeping the hens in perfect physical and laying condition. These are mixed in proper proportions to make a perfectly balanced ration—and ground. Feed according to directions, thus keeping the hen's blood in thorough circulation, which makes them lay. **Directions for Feeding**—For every dozen hens use a slack quart of Scratch Food in the spring and summer, and a heaping quart in the fall and winter. Bed the pen with four to six inches of straw (litter), scattering the food in thinly, so that the hens will have to work it out. When you can keep your hens scratching their blood is circulating and good egg production is bound to follow. 7 lbs. 25c, 25 lbs. 75c, 100 lb. bag \$2.25.

BABY CHICK FOOD.

Composed of choice grains and seeds—more than a dozen kinds, carefully selected—perfectly granulated to precisely the right degree for youngsters, and screened clean of all fine stuff. This makes a perfectly balanced ration for healthy, hearty and rapid chick development, as well as best digestive results. Avoid feeding meal or other mash foods or table scraps to young chicks. In using Baby Chick Food according to directions you will never lose a chick from feeding causes. **Directions for Feeding**—Little chicks, like children, are hungry all the time, and have to be fed sparingly every few hours in the day. If possible, bed their feeding place with an inch or two of cut alfalfa or clover. Scatter Baby Chick Food in lightly, as much as they can eat up clean. Do not overfeed. 6 lbs. 25c, 25 lbs. 90c, 100 lb. bag, \$2.70.

MASH FOOD.

Green food and meat ration for moulting and winter eggs. Composed of meat scraps, mill feed, and alfalfa meal from our own mills. This gives the necessary combination of green foods, meat and medicinal qualities necessary for highest egg development. When all other feeds have failed to produce eggs, Mash has succeeded. A recent experiment with it succeeded in bringing up the egg yield of a flock of White Plymouth Rocks to Leghorn standard. No medicated foods, conditionals, or spices required when Mash is used. **Directions for Feeding**—Scald or boil. Feed as much as the hens will eat up clean. Mix in table scraps that can be mixed fine. Do not use coarse bits of scrap, whole bone or gristle. 6 lbs. 25c, 25 lbs. 90c, 100 lb. bag, \$2.70.

FATTENING FOOD.

A careful, intelligent combination of the best grain known for finishing off market fowls quickly and profitably; ground to a meal. It can either be mixed with sufficient water for a crumbly mash or made into a gruel for use in the stuffing machine. 6 lbs. 25c, 25 lbs. 90c, 100 lb. bag \$2.70.

ALFALFA MEAL.

Alfalfa Meal is rapidly taking the place of clover meal as a green feed, and is far more nutritious, containing twice as much protein. It has a rich, green color, that looks as succulent and appetizing as it really is. But the ordinary commercial alfalfa meals are expensive—too much bulky fibre—the coarse stems and stalks ground up. We have built two mills and equipped them at heavy expense with special machinery, to grind just the tender, succulent tops and tendrils. Our alfalfa meal is cleaner, purer, more succulent, more appetizing—and more economical because it contains more nutrition to the pound. 7 lbs. 25c, 25 lbs. 75c, 100 lb. bag \$2.25.

GROATINE FOOD.

One of the best foods for laying hens, made from hulled oats of good quality. 7 lbs. 25c, 25 lbs. 75c, 100 lbs. \$2.25.

PIGEON FOOD.

Composed of the best grains and seeds, and will give the best satisfaction. 6 lbs. 25c, 25 lbs. 90c, 100 lb. bag, \$2.70.

CONKEY'S ROUP CURE.

Conquers roup, the most fatal and dreaded disease of the poultry yard, and very contagious. It is usually the result of a cold, contracted in various ways, such as crowded houses, exposure to cold and damp weather, drafty quarters, filthy surroundings, which weaken the constitution of the fowls and make them subject to disease. Symptoms: Sneezing, followed by difficult breathing; discharge from the nostrils and eyes, which quickly thickens, becoming cheesy looking; rattling in the throat; offensive odor, loss of vitality, etc. It is a positive cure for all forms of this disease. We guarantee this. If it should fail, your money will be refunded. It is placed in the drinking water, the fowl takes its own medicine without knowing it. Coming in contact with the head and throat membranes, it kills the germs at once. It is quickly taken up by the system, and cleanses the blood and builds up the system. It is equally effective for turkeys and for canker in pigeons. Price—30c box makes 10 gallons medicine, 60c box makes 25 gallons medicine, and \$1.10 box makes 75 gallons medicine, postpaid.

CONKEY'S CHOLERA CURE.

Is a positive cure for Bowel Trouble, Indigestion, Diarrhoea, Dysentery, Cholera, etc. in fowls, both old and young. It tones up the system and puts the flock in excellent condition. A fowl which is troubled with disease of the digestive organs usually loses its appetite but becomes very thirsty. Conkey's Cholera Cure takes advantage of this important point as it is given in the drinking water, the fowl taking its own medicine. It is highly recommended for turkeys and pigeons. Price—30c box makes 20 gallons medicine, and 60c box makes 50 gallons medicine, postpaid.

CONKEY'S GAPE CURE.

A truly wonderful remedy for the cure of this disease. It is prepared so that it can be given in the soft feed, thus avoiding the necessity of handling the fowl and relieving the poultryman of all labor. It builds up the health of the fowl and gradually overcomes the worm. It is absolutely sure and safe in its results. Also excellent for use as a preventative. Price, 60c per box, postpaid.

**DR. HESS' POULTRY PAN-A-CE-A.**

Makes hens lay, prevents all diseases and cures roup, cholera, gapes, leg weakness, etc. For chickens, turkeys, ducks and geese, something every poultry man needs, to have success in the business. It promotes the general good health of the fowl, greatly quickens digestion, and being a tonic, works all the various organs like a piece of machinery. Use Pan-a-ce-a and make your hens lay when eggs are at a high price. It is very valuable for young chickens when they are growing. 24 oz. package 35c, postpaid 60c; 5 lb. package 85c here.

PRATT'S POULTRY FOOD.

A necessity for all who keep poultry, a preventive as well as a sure cure for all poultry diseases, and a guaranteed egg producer. Makes larger fowls, and quickens the growth of young chicks. 8 oz. pkg. 10c, postpaid 20c; 26 oz. pkg. 25c, postpaid 55c; 4 lb. pkg. 50c, 5 lb. pkg. 60c, 12 lb. pkg. \$1.25; 25 lb. pkg. \$2.50 here.

IDEAL POULTRY FOOD.

This excellent preparation is concentrated food made from the most nutritive ingredients possible, and will not injure fowls. Its results are secured not by abnormally exciting the digestive organs, but through its power of invigoration and building up the whole of the animal system. Results from carefully conducted experiments extending over a long period have shown conclusively that it is the best egg producer in existence. Splendid for turkeys, geese, chickens, ducks, pigeons, pheasants, and all aviary birds. 26 oz. pkg. 20c, postpaid 50c.

DR. HESS' STOCK FOOD.

The best food for horses, cattle, hogs and sheeps; thoroughly reliable and guaranteed to give satisfaction. 7 lb. package, 65c; 12 lb. package, \$1.00; 100 lb. package, \$7.00 here.

PRATT'S ANIMAL REGULATOR.

Highly concentrated. Cures hog cholera, makes pigs grow quickly, dairy cows produce more butter and milk, stops slinking of calves and makes them healthy, and regulates horses. 21 oz. pkg. 25c, postpaid 50c; 42 oz. pkg. 50c here; 72 oz. pkg. 75c here.

PRATT'S STOCK FOOD.

An excellent food for horses, cattle, hogs and sheep; guaranteed to give satisfaction, and thoroughly reliable; largely used. 7 lb. pkg. 50c; 12 lb. pkg. 75c; 25 lb. pkg. \$1.50; 25 lb. pail, \$1.80 here.

DR. HESS' INSTANT LOUSE KILLER.

Kills lice, ticks, fleas, moths, ants and all kinds of vermin. Probably no single enemy is so universal among stock and poultry as lice. It is not a poison, but lasting, effectual and convenient to use, and the cheapest article that can be had. It is put up in round cans with perforated lids, ready for use. As a deodorizer and disinfectant it is entirely reliable for poultry houses, stables, pigeon lofts, pig pens, sinks, water closets, cesspools, garbage boxes, kennels, etc. It serves as an absolute preventive of disease, and will speedily destroy all parasites that inhabit such places. It is especially adapted for the destruction of sheep ticks, a powder and easy to apply, overcoming the great disadvantage of dipping, and can be applied in cold weather when the wool is long and the ticks are most numerous. 1 lb. tins 35c, postpaid 55c.

**PRATT'S LOUSE KILLER.**

A splendid disinfectant, as well as sure death to lice and all such vermin. 5 oz. package 10c postpaid 18c; 16 oz. package 25c, postpaid 45c; 2½ lb. package 50c here.

DR. HESS' HEALING POWDER.

Cures galls, scratches, grease heel, cuts, ulcers, burns, thrush, foul in the foot, indolent sores and open wounds of every description. It prevents excessive granulation, commonly known as proud flesh. It is also a reliable antiseptic. Flies will not attack wounds treated with this powder. 4 oz. tin 25c, postpaid 30c.

GRANULATED POULTRY BONE.

A little larger than wheat, and can be fed like any other food in grain, about one handful to every five fowls daily or every other day. In either manner it furnishes a valuable food for poultry at all seasons of the year. 8 lbs. 25c, 25 lbs. 65c, 100 lb. bag, \$2.00 here.

CRUSHED OYSTER SHELL

Peerless Brand. All breeders of poultry recognize the fact that a grit of some kind is a necessity. Even where fowls range, strength and plumpness are gained in providing them with Crushed Oyster Shells. The most frequent cause of hens not laying is the absence in the food of carbonate of lime. As it is practically pure carbonate of lime, it supplies, when fed to poultry, this most essential element, and greatly aids in the formation of the egg. Stone, lime, gravel, grits, etc., in fact nothing of a mineral character will equal it in beneficial results. 5 lbs. 10c, 25 lbs. 25c, bag of 100 lbs. 75c here.

MICA-SPAR CUBICAL GRIT.

One of the principal reasons why so many do not have success in raising poultry is that the poultry cannot obtain sufficient grit to enable them to masticate their food in a proper manner, and strange to say, this is greatly neglected by a great many. It is necessary to feed some gritty material. It keeps and makes hens healthy, and if it is used you do not require oyster shells. 5 lbs. 10c, 25 lbs. 25c, 100 lb. bag 75c here.

BLOOD MEAL—4 lbs. 25c, 25 lbs. \$1.25, 50 lbs. \$2.35, 100 lbs. \$4.50 here.

MEAT MEAL—7 lbs. 25c, 25 lbs. 75c, 50 lbs. \$1.25, 100 lb. bag \$2.40 here.

BEEF SCRAPS—4 lbs. 25c, 25 lbs. \$1.25, 50 lbs. \$2.35, 100 lbs. \$4.50 here.

CAPONIZING SETS



There is no doubt in the minds of up-to-date poultrymen as to the advantages of caponizing. The operation is very simple, and with a Caponizing Set, any boy 12 years of age can perform it with safety and thoroughness. Capons, as every one knows, sell on the market as a rule from five to eight cents per pound higher than any other chickens, and the demand is always good, is steadily growing, and at this time a better market is assured the producer in this field than any other. No more efficient, simple or more easily operated sets are being offered the craft to-day, and you will make no mistake by selecting these sets.

Prices: Pilling Special—Set in oak case, postpaid, \$5.00.

Philadelphia—Set in velvet lined case, postpaid, \$3.75

Poultry Leg Bands

Leader, Adjustable—Lat-est and best, easily at-tached and absolutely se-cure. Heavy aluminum.



Double Clinch—Fastens with two clinches passing through band and turning towards each other. Splendid for turkeys.

Open Pigeon or Small Chick—Aluminum.

Prices—1 doz. 20c, 4 doz. 60c, 100 for \$1.10, postpaid.

Smith Sealed—Necessary for all breeders. Aluminum. Price 1 doz. 35c, 4 doz. \$1.20, 100 for \$2.25, postpaid. Sealers for same, 80c each, postpaid.

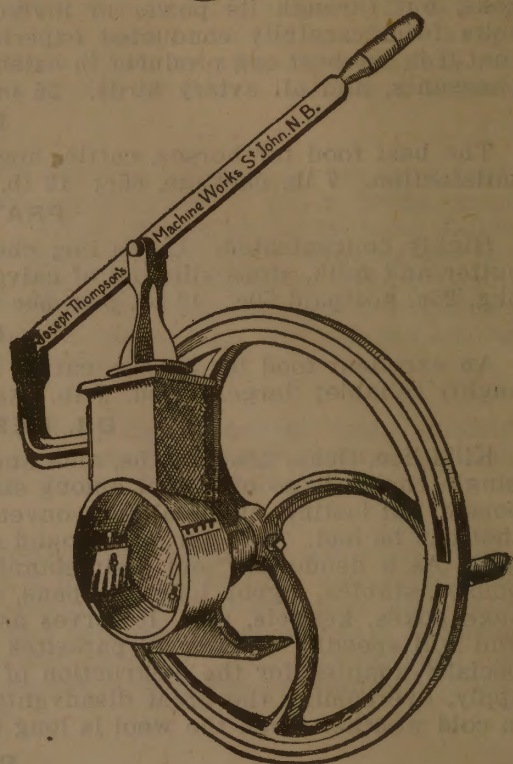
POULTRY KILLING KNIFE



Every poultry raiser should have one of our Killing Knives. They are made of a finely tempered instrument steel, with nickled handle; will last a life time. Postpaid, 70c.

THOMPSON'S BONE CUTTER

Warranted to cut both dry and green bones. If you keep a dozen fowl or more you cannot afford to be without one. This machine must not be confounded with the Bone Mill, as it cuts fresh bones from the butcher, and the latter only grinds dry bones, which do not contain any vegetable matter. This cutter weighs about 55 pounds; size, tempered steel knives, 3-16 inches thick, and 2¼ inches wide; diameter fly wheel, 20½ inches. We can furnish this machine with crank in place of fly wheel if desired. Price, with crank, \$7.50; with fly wheel, \$8.50; arranged with pulley for power, \$13 here.



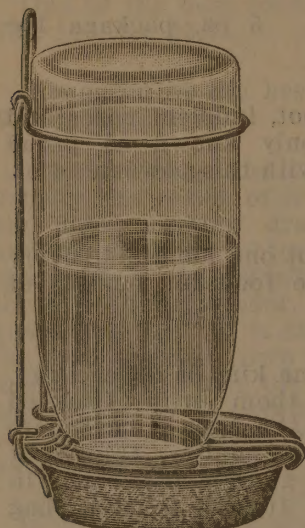
THE KNOX NEST EGG

The Knox Lice Killing Nest Egg is a combined nest egg and lice killer. By simply using it in the nest, laying hens are freed of lice and mites, and are able to keep in the nest with comfort. They will last a long time, and always retain their effectiveness. Standard in size, tinted a natural brown color, the genuine bear embossed on each egg the words "Knox Nest Egg." Prices, each 10c; dozen \$1.00. Postpaid, each 13c; doz. \$1.30.

Ordinary Nest Eggs—5c each, 50c dozen. Postpaid, 8c each, 80c dozen.

ALL RITE SANITARY FOUNTAIN AND FEEDER

It is hung up out of the dirt or litter—water or food is thus kept pure. Holds 1 qt. or 2 qt. glass fruit jar. Easy to fill. Snap out the bottom part, fill the jar, snap bottom part on and invert. Tin, small size basins, 20c each; galvanized, large size basins, 30c each. Jars not included. Postpaid 10c each extra.



McCLARY'S IMPERIAL ENAMELLED CHICKEN FOUNTAIN

A sanitary and continual supply of fresh water is guaranteed. Being made of acid and rust proof enamel on steel, they will not break, and are readily cleaned.

Made in three sizes—1 qt. 30c, 2 qts. 40c, 4 qts. 50c.

To make Poultry pay they must be well cared for. You can rely upon our Poultry Feeds. They are good value.



THE RITTENHOUSE

Formerly the Little Giant Geared Hand Broadcast Seed Sower



The greatest labor-saving invention of the age. The strongest, prettiest, lightest and easiest running Seeder made. The agitator or force feed is of great advantage. It has also among other advantages, a pressed tin distributing wheel, hand hold on the side, and no feed plate to carry. They will pay for themselves many times in one season. Satisfaction guaranteed. It will distribute all kinds of fertilizer, land plaster or ashes. Flax or Clover Seed, 36 feet to the round; Wheat, 50 feet to the round; Buckwheat, 46 feet to the round; Barley, 40 feet to the round; Timothy Seed, 27 feet to the round; Oats, 36 feet to the round. Price \$1.50 here.

THE LITTLE GIANT NO. 2

Made by same manufacturer and on the same plans as the above Seeder, but not quite so large, and consequently will not do as much work in the same time. It is also of lighter make, but will do just as good work. Price \$1.00 here.

These have some improvements for 1914, and are made even better than before. They have given the best satisfaction for 15 years.

We highly recommend these Seeders, and have many letters testifying to their great usefulness.

The cheapest way to send either Seeder is by express, which costs 25c to 50c to most places.

To out-of-the-way places we can mail them for 75c extra.

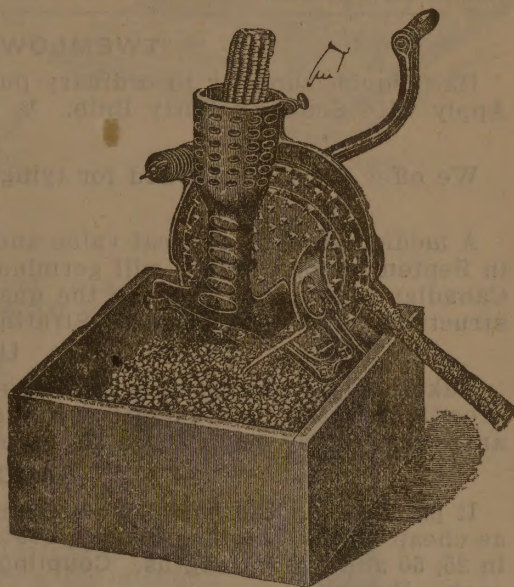
HAND CORN SHELLER WITH SEPARATOR

Note the regulating thumb-screw, enabling the sheller to be set for either large or small corn. It shells clean and without effort. Good work may also be done on Pop Corn. There are no breakable parts, as the light pieces are malleable. Chilled shaft and bearings. A very useful implement, and one that should be in possession of every farmer that uses corn. Weight, racked, 20 pounds. Price \$2.50 here.



NO. 32 HAND GRINDING MILL

In this are embodied all the good features of other hand grinding mills, to which have been added universal burrs or grinding plates that are adjustable for grinding coarse and fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is strong and well made throughout and of excellent finish, has a 16-inch fly wheel, and is light running. Weight 40 lbs. The capacity of this mill is not equalled by any other of the same size. Price \$5.00 here.



HAND GRINDING MILLS

For Corn, Coffee, Spice, Etc.—These well known mills have attained a large sale, purely on their merits as rapid grinders. The grinding parts are all made of a specially good tough iron, which renders them durable, and they will last for years. When necessary, however, they may be renewed at a small cost. The capacity ranges from one to two bushels per hour, accordingly as the mill may be set for fine or coarse grinding. The mills may be adjusted to grind corn meal for table use, or only for cracking the grain. The product is evenly ground, whether the mill be set for coarse or fine work. They are very simple in construction, and not liable to get out of repair. The shaft is of steel. They are made all ready for attachment to table. The finish is quite attractive, painted wine color and varnished, with gilt ornamentation. Each mill is racked separately for safe transportation. Weight 25 lbs. Price \$3.00 each here.



Hand Grinding Mill.

PRICE LIST OF VALUABLE BOOKS, POSTPAID

Agriculture, A B C of. Weld	\$ 55	Forcing Book. Bailey, L. H.	\$1 40
Alfalfa. Coburn, F. D.	55	Forestry, Practical. Fuller, A. S.	1 65
Alfalfa, The Book of	2 25	Fruit Growing, Beginners' Guide. Waugh, F. A.	90
Asparagus. Hexamer, F. M.	55	Fruit Growing, Principles of. Bailey, L. H.	1 65
Cabbage, Cauliflower and Allied Vegetables. Allen	55	Horticulturists' Rule Book. Bailey, L. H.	1 10
Carrots, Mangold Wurtzels, etc., On. Gregory	35	Profitable Gardening, Principles of. Bailey, L. H.	1 65
Celery for Profit. Greiner, T.	35	Fumigation Methods. Johnson W. G.	1 10
Clovers, and How to Grow Them. Shaw, Thos.	1 25	Grape Growers' Guide. Charlton.	85
Crops. Spraying. Weed, Clarence M.	55	Grape Growing and Wine Making. Husman, Prof. G.	1 65
Drainage, Farm. French	1 10	Greenhouse Construction. Taft, Prof. L. R.	1 65
Farm Appliances.	55	Greenhouse Management. Taft, Prof. L. R.	1 65
Farm Grasses of the United States. Spillman, W. J.	1 15	Nursery Book. Bailey, L. H.	1 65
Fertilizers, On. Gregory	35	Plants, Propagation of. Fuller, A. S.	1 65
Fertilizers and Crops. Van Slyke, Dr.	2 50	Plants, Your. Shehan, James	45
Forage Crops Other Than Grasses. Shaw, Thomas.	1 10	Plants, First Lessons With. Bailey, L. H.	85
Fungi and Fungicides. Weed, Clarence M.	1 10	Plant Culture, Oliver, G. W.	1 50
Gardening for Pleasure. Henderson, Peter	1 65	Rose, On the. Parsons.	1 10
Gardening for Profit. Henderson, Peter	1 65	Small Fruit Culturist. Fuller, A. S.	1 10
Garden Making. Bailey, L. H.	1 65	Strawberry Culturist. Fuller, A. S.	35
Hedges, Windbreaks, etc. Powell, E. P.	55	Sweet Peas, Wright, W. P.	1 10
Insects and Insecticides. Weed, C. M.	1 65	Window Flower Garden. Heinrich.	55
Irrigation Farming. Wilcox, L. M.	2 25	Landscape Gardening. Waugh, F. A.	55
Manure, Farming with Green. Harlan.	1 10	Ornamental Gardening for Americans. Long	1 65
Market Gardening and Farm Notes. Landreth	1 10	Animal Breeding. Shaw, Thomas.	1 65
Mushrooms. Falconer, Wm.	1 10	Cattle Doctor, American. Dadd, Prof. Geo. H.	2 25
Onion Culture, the New. Greiner	55	Feeds and Feeding. Henry, W. A.	2 25
Plant Life on the Farm. Masters.	1 10	Key to Profitable Stock Feeding. Myrick, Herbert.	35
Practical Garden Book. Hunn, C. E.	1 40	Milk and its Products. Wing, W. H.	1 40
Rhubarb Culture. Morse, J. E.	60	Pig, Harris on the. Harris, Joseph	1 10
School Agriculture. Wood, M. N.	1 15	Dog Breaking, Hints on. Floyd, William	55
Silos, Ensilage and Silage. Miles, Manly	75	Horse Doctor, Modern. Dadd, G. H.	1 10
Soiling Crops and Silo. Shaw, Thomas	1 65	Beekkeeping Explained, Mysteries of. Quimby.	1 10
Soil, The. King, T. H.	1 65	Egg Farm, New Revised. Stoddard, H. H.	1 10
Tomato Culture	55	Profits in Poultry and their Profitable Management.	1 10
Tobacco Culture	40	Canary Birds. New and Revised Edition.	55
Vegetable Gardening. Watts, R. L.	2 25	Hunter and Trapper. Thrasher, H.	55
Bulbs and Tuberous Rooted Plants. Allen, C. L.	1 65	Taxidermy Practical. Barty, J. H.	1 10
Floriculture, Practical. Henderson, Peter	1 65	Barn Plans and Outbuildings.	1 10
Home Floriculture, by C. N. Page, a valuable 175 page book on Flowers and Bulbs, giving cultural directions, etc.	30	House Plans for Everybody. Reed.	1 10
Fruit Grower, Practical. Maynard	55	Methods of Making Manures. Bommer, Geo.	40
		Weeds and How to Eradicate Them. Shaw, Thos.	85

TWEMLOW'S OLD ENGLISH GLAZING PUTTY.

Half liquid, superior to ordinary putty; will not crack or peel. 1 gallon glazes 300 lineal feet. Apply with Scollay's Putty Bulb. ½ gallon, \$1.20; 1 gallon, \$2.10.

GRAPE TWINE.

We offer a splendid brand for tying grapes, etc. Price, 15c lb., 25 lbs. \$3.50; 100 lbs. \$13.00 here.

GINSENG.

A medicinal plant of great value and can be grown in any part of Canada. Stratified seeds planted in September or October will germinate in the following spring. Our seeds are from selected, hardy Canadian plants, and produce the quality of roots that sell for the highest price in the market. Instructions supplied with seed. Stratified seeds per 100, 50c; per 1,000, \$4.00.

UNIQUE HEDGE TRIMMER.

Takes only one-quarter of the time necessary by the old method and does it much better. For old growth it is the only perfect cutter and can be used on any hedge. It is easy to use and we guarantee it in every way. Price \$6.50 here. See cut, page 110.

GARDEN HOSE AND HOSE REELS.

It pays to buy the best hose as there is no annoyance with breaks and it lasts five times as long as cheap hose. We offer Bruce's best ½ inch Hose at 15c ft., and Bruce's best ¾ inch Hose at 18c ft., in 25, 50 and 100 ft. lengths. Couplings, 25c a pair; good nozzles, 50c each. Hose Reels, steel, \$2.50 each. Prices here.

GEYSER LAWN AND FLOWER BED SPRAYER.

One of the best on the market and nothing to get out of order; does away with watering cans. It is made of solid brass and finished in nickel. See cut, page 110. 40c each here. Postpaid 50c.

NIAGARA LAWN SPRAY.

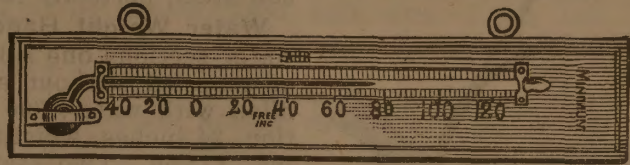
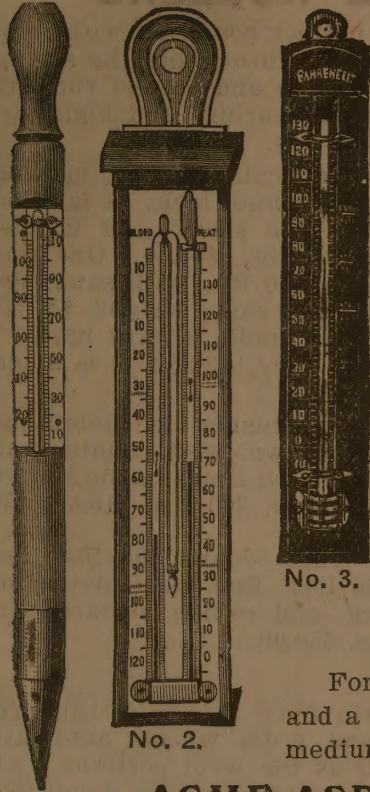
The ring is 8½ ins. in diameter, made of heavy brass. It is a wonder in simplicity, in construction and effect. Two pieces of heavy brass are used to form the Niagara Lawn Spray. The upper circle is stamped to give greater strength and to furnish the three different angles to the spray. The three rows of perforations are of very small size, and do not permit the escape of any stream of water that will wash away the dirt or injure any flower bed. The brass screw for attaching to the hose is machine turned inside and out, gives neatness, great strength and perfect fit on the hose connections. There are no loose or movable parts to get lost or out of order like the whirling sprinklers. The Niagara Spray will last a life time and give the most satisfactory results of any device of the kind ever invented. 75c each here. Postpaid \$1.00.

ROFFEA AND REEDS.

There is considerable demand for Roffea for making hats, baskets and other fancy work and we offer the Natural for 25c lb., ¼ lb. 10c. Colored, red, green, blue, black and brown, ¼ lb. 20c, lb. 60c here. Reeds, for weaving, coarse, 40c; medium, 45c; fine, 50c per ¼ lb. here. Add to above prices where to be mailed, 1c per oz. for postage.

PLANT AND FRUIT BASKETS.

We offer strong, well-made Baskets as follows: Plant Baskets—80c per 100, \$7.00 per 1,000. 10 Qt. Berry Baskets—50c per 100, \$4.25 per 1,000. 24 Qt. Berry Crates—\$1.80 per dozen. 6 Qt. Fruit Baskets—\$3.50 per 100. 12 Qt. Fruit Baskets—\$4.25 per 100.



THERMOMETERS

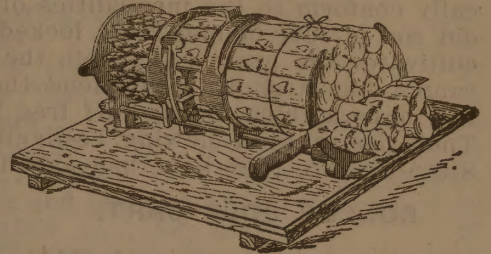
We illustrate herewith No. 1 Hotbed Thermometer, \$1.50; No. 2, maximum or minimum registering, \$3.50; No. 3, ordinary, 30c to 75c, nickel cases \$1.00, extra fine \$1.00 to \$2.00; No. 4, dairy, 30c; No. 5, maximum or minimum registering, \$1.75 each. We also carry long distance thermometers, 30c, and for incubators, 75c each. All postpaid 10c each extra. Our stock of these is large, and from the best manufacturers; all tested and guaranteed.

SILKALINE

For florists, for stringing Smilax and other trailing plants. It is very strong, and a fast color; color green, and does not fade; made in three sizes—fine, medium and coarse. 2 oz. spools, 25c each; per lb. \$1.75; postpaid \$2 per lb.

ACME ASPARAGUS BUNCHER

A very handy machine for bunching Asparagus, which saves time. It has a knife guide and adjustable headpiece for regulating length of bunch. No. 1 makes 3 to 3½ inch bunch, and No. 2 makes 4 to 5 inch bunch. Each \$1.75 here.



Asparagus Buncher.

SURE THING FLY KILLER OIL

The best compound for keeping flies off horses and cattle and killing lice on hens, etc. In 1 quart tins, 40c; in ½ gallon tins, 65c; in strong gallon tins, \$1.10 here.

CLEAN CUT TREE PRUNER

An invaluable implement in the orchard for lopping off boughs; has a long handle by which you can reach 11 or 12 feet from the ground. \$2.00 each here.

AUTOMATIC CORN PLANTER

The only reliable Corn Planter we have seen. Worked with one hand. It does the work thoroughly and saves a great deal of time and labor. Highly recommended. Price, \$1.75 each here.

REGAL GARDEN GLOVES

A strong, useful glove, giving full use of the fingers, but protecting the hand. Just the thing for garden work and also on the farm. There is a big demand for them, and they are well made and will wash, thus lasting a long time. Made in men's sizes, large and medium, and also women's and boys' sizes, 15c pair, postpaid 20c pair.

HOUGH PATENT HOE

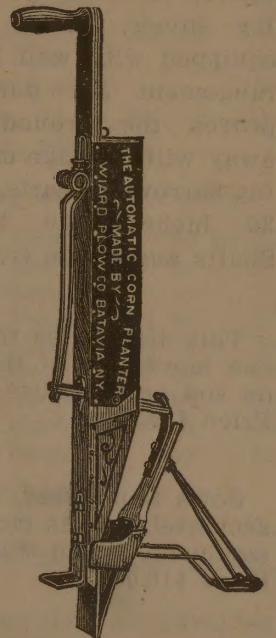
A Combination Tool for the Garden or Lawn. A Weeder, Edger, Hoe, Drill, Spade & Sod Cutter

Blade made of one piece of Finest Steel.

Note the Shape and Five Cut-Edges

NO
LOST
MOTION

Works Going
and Coming



This is an improved form of implement and provides a simple, inexpensive tool which may be conveniently used for trimming the edges of lawns, walks, and flower beds, and which may also be used as a weeding shuffle hoe and as a sod cutter around fruits and other garden truck. Where it has been used in parks and on lawns it has been universally recommended. It can be used where any other hoe is used, even to chop cotton, and it is an excellent implement to dig weeds with. To use this hoe, you push and pull, or dig the same as with a spade, and for that reason it can be used advantageously in places close to fences, around flower beds, walks, etc. Price \$1 each here.

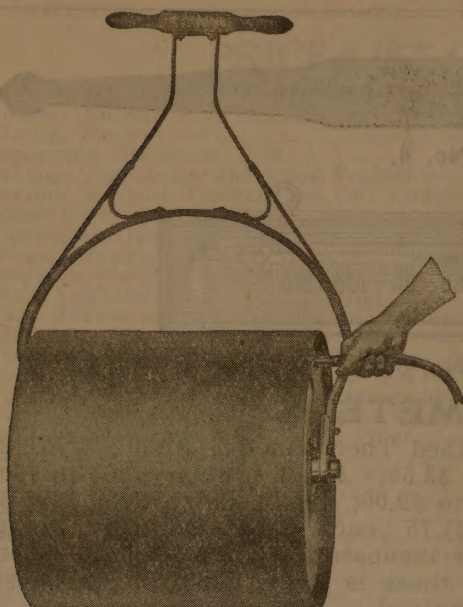
ROLLER BEARING ROLLERS

It is impossible to keep a lawn in perfect condition without a roller, and same should be in constant use throughout the spring and summer. We here offer the best made and easiest running on the market, through the use of roller bearings and high carbon steel, perfectly round and smooth axles.

Water Weight Hand Roller—It is electrically welded, making water sections one solid drum, no rivets, cannot leak; it is filled or emptied without standing on end. One section, 24 inches, filled with water, 300 lbs., with sand, 500 lbs., \$10.50. One section, 24 inches, weight, filled with water, 500 lbs., with sand, 800 lbs., \$13.50. Two sections, 12 inches each, same weight, \$17.50. With counter balancing weights to keep handle always upright, \$1.50 extra. We recommend this roller very highly; it is much superior to the old style, with weights.

Hand Lawn Roller—Smooth on face, finished in aluminum, round outer edges, to avoid cutting the lawn, with counter balancing weights to keep handles upright at all times, made in two sections of 12 inches each. 200 lbs. \$11.50, 300 lbs. \$16.50, 450 lbs. \$25.00.

Cricket and Lawn Tennis Roller—This weighs 800 lbs., but weights will remove to reduce to 350 lbs. End steel plates for forming drum are butted, not lapped, and rolling surface perfectly smooth. One section, 32 inches, \$50.00.



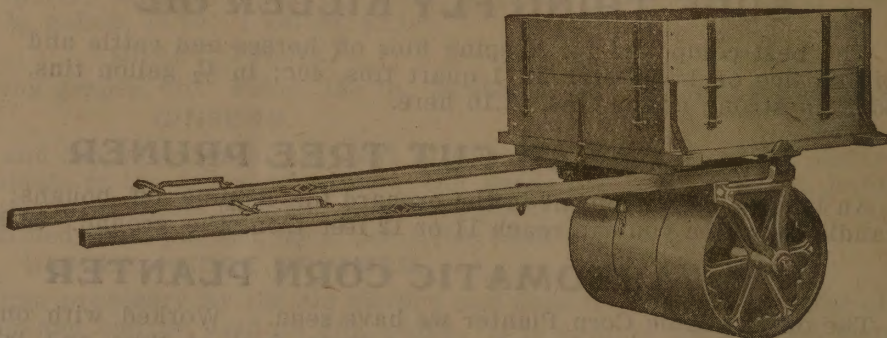
Water Weight Hand Roller.

ONE HORSE GRASS SEEDER.

Individual automatic press wheels follow each disc and firm the earth over the seed, thus retaining the moisture which is so essential to plant growth. The discs and press wheels automatically conform to the inequalities of the ground and seed hollows, as well as the level portions. All old sod is root bound, roots locked together, the cutting action of the discs relieves this condition, cultivates the grass roots, lets the air in and at the same time plants the seed in the sod. We cannot too strongly recommend these for Parks, Tennis Courts and Golf Grounds, and if used you will have a thick, matty turf free from weeds, because these cannot thrive in a thick grass sod. Their use saves re-plowing, re-digging or marring the surface. They are largely used in the United States, where they have had exhaustive trials and are highly recommended. Price \$80.00.

ROLLER GOLF CART.

Equipped with a strong box to convey material or for collecting stones, sticks, etc. It is equipped with well balanced arrangement for dumping; improves the ground and does away with damage caused by using barrows or carts. 3 sections, 36 inches, 900 lbs., \$65.00. Shafts and single trees included.



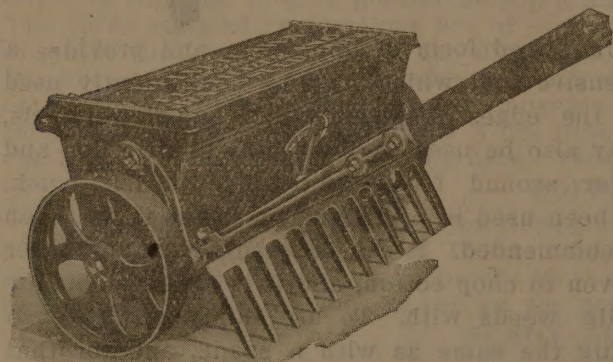
Roller Golf Cart.

HAND LAWN SEEDER.

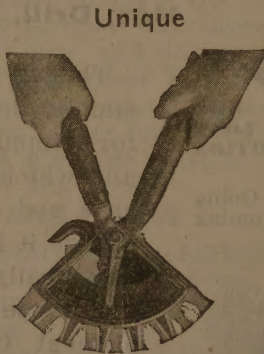
This distributes the seed evenly and accurately, shifting lever can be set to sow any quantity; one movement of the gauge lever changes all the feeds; force feed. Sows equally well whether on sod or not; has cutting discs which open narrow furrows in sod where the seed is deposited. Price \$19.00.

FERTILIZER AND GRASS SEEDER.

Sows Bone Dust, Sheep Manure and other Fertilizers; also Grass Seed on new plots evenly and accurately. Sets close to ground, so wind cannot affect it. Is equipped with rake or cultivating attachment, which works fertilizer and seed into ground and smooths the surface at one operation. Price \$10.00.



Fertilizer and Grass Seeder.



Hedge Trimmer.

See page 108.



Hand Lawn Seeder.

GARDEN REQUISITES AND GARDENERS' SUPPLIES

Aphis Punk, for fumigating, per box	\$0 80	Knives, Edging	Each	1 50	
Aphicides	Each	50	Labels, plain, 4½ inch.	Per 100	15
Asparagus Buncher.	Each	1 75	Labels, Painted, 4½ inch.	Per 100	20
Atomizers and Sprinklers.	Each	50	Line, Garden	Each	50 to 90
Bouquet Papers, 4 to 5 inch, per doz.	\$0 50 to	75	Lawn Vases	Each	75 to 3 50
Bellows, for dusting plants	Each	1 00 to 2 00	Labels, Tree, with wire.	Per 100	20
Button-hole Tubes	Each	05	Moss, Dried Green, Yellow or Red,		
Baskets, Berry, per 1,000.	4 25	per bunch	Each		15
“ Plant, per 1,000.	7 00	Pampas Plumes, red, white and blue	15 to	20	
“ Fruit, 12 qt., per 100.	4 50	Plant Stakes, cane, 3 to 8 ft., per 100	70 to	1 50	
“ Fruit, 6 qt., per 100.	3 75	Pot Covers, fancy paper	Each	10 to	25
“ 24 qt. Crates, per doz.	1 80	Pot Covers, Lattice.	Each		10
“ Pickers, per doz.	1 25	Pots, Watering	Each	1 00 to	3 50
“ Wire, hanging	25 to 1 00	Pencils, Waterproof	Each		10
Binder Twine, 650 ft.	Lb.	13	Plows	Each	2 50 to 10 00
Binder Twine, 600 ft.	Lb.	12	Pruner, Tree, clean cut.	Each	2 00
Cape Flowers, per bunch, wired	20	Rakes, best cast steel.	Each	50 to	1 50
Chenille, per 12 yards	50	Rakes, English Lawn	Each	1 50 to	2 00
Corn Planters	Each	1 75	Reels for Garden.	Each	75 to 1 50
Dibbers, Shod	Each	55	Rustic Chairs	Each	1 25
Doves, for Florists	Each	1 75	Rustic Vases.	Each	1 00
Flower Pots and Saucers, 2 to 12 in.	3 to 60	Rustic Sofas	Each	2 50	
“ fancy, 5 to 8 in.	15 to 1 00	Rollers, Garden.	Each	10 00 to	75 00
“ Japanese ware, 7 to 12 in.	1 00 to 3 00	Saws, Pruning	Each	1 00 to	2 00
“ Hanging	Each	50	Scythes, Patent English, 36 to 42 in.	1 50 to	1 75
Fern Pots, 6 to 10 inch.	Each	50	Scythe Stones.	Each	20
Florists' Companions	Each	75	Shovels	Each	75 to 1 50
Forks, Potato and Manure.	Each	1 00 to 1 50	Spades, English.	Each	1 75 to 2 00
Forks, small weeding	Each	35 to 45	Spuds, for Thistles, etc	Each	75
Grass Catchers	Each	1 00 to 2 50	Sphagnum Moss.	Per bale	1 50
Grafting Wax, French	Per tin	30 to 75	Scissors, Flower Gatherers.	Pair	50
Glaziers' Points, VanReyepers, 1,000		75	Scissors, Grape Thinners	Pair	75
Grass, China, for tying	per lb.	30	Scissors, Pruners.	Pair	1 00 to 3 00
Grass, Roffea, for tying	Per lb.	25	Shears, Hedge.	Pair	1 00 to 4 00
Grubbers, Daisy	Each	75	Shears, Grass, Edging	Pair	50 to 4 00
Hooks, Briar and Bill.	Each	1 00 to 1 50	Shears, Pruning and Lopping.	Pair	1 00 to 4 00
Hoes, Garden.	Each	50 to 1 00	Sheep Dip, Little's.	Per bottle	75
Hoes, Dutch or Scuffle, 6to 10 in. ea.	60 to 1 00	Tooth Picks, Florists	Per box		10
Irons, Edging.	Each	1 50	Trowels, English.	Each	50 to 90
Irons, Turfing	Each	4 50	Trowels, American.	Each	25
Immortelles, purple, red, white, bunch	40 to 50	Twine.	Per lb.	25 to	50
Jardinieres.	Each	25 to 5 00	Triers, for drawing samples.	Each	1 25
Knives, Pruning and Budding.	Each	75 to 1 75	Wreaths, Metal or Dried Flower, each		1 50
Roffea, colored, for making hats, baskets, etc.	Red, green, blue, black, brown, etc.	¼ lb. 20c, lb. 60c.			
Reed, for weaving. Fine, 50c; medium, 45c; coarse, 40c per ¼ lb. Each, 15c oz., postpaid.					

Other Designs Supplied. FLORAL DESIGNS Catalogue on Application.

Anchors, 8 to 36 inch	Each	\$0 10 to \$0 70	Horseshoes, 8 to 24 inch	Each	\$0 10 to \$0 35
Broken Column, 12 to 36 in.	Each	25 to 90	Maltese Cross, 8 to 36 inch	Each	10 to 70
Broken Links, 12 to 24 in.	Each	15 to 40	Pillows, 8 to 36 inch	Each	15 to 70
Crosses, 8 to 36 inch	Each	3 to 60	Shields, 8 to 36 inch	Each	15 to 70
Crowns, 8 to 30 inch.	Each	25 to 90	Sickles, 8 to 27 inch	Each	10 to 30
Faith, Hope and Charity, 18 to 36 in.	60 to 1 25	Stars, 8 to 36 inch	Each	10 to 60	
Gates Ajar, 12 to 36 inch	Each	50 to 1 50	Square and Compass, 14 to 24 inch	35 to 85	
Harps, 10 to 36 inch.	Each	25 to 75	Triangles, 10 to 36 inch	Each	15 to 60
Hearts,, 8 to 36 inch.	Each	10 to 50	Wreaths, 6 to 36 inch	Each	5 to 50

Cocoanut Fibre—Unequalled for seed beds, mulching, etc. Per bag, \$1.00.
Tinfoil—(Subject to change). Five inch wide, per lb. 20c; 10 lb. lots, 15c per lb.
Wire, Annealed—No. 22, 15c per lb.; No. 26, 20c per lb.; No. 28, 20c per lb; No. 32, 25c per lb; No. 36, 30c per lb.



Insect Powder Bulb for Spraying Powder on Plants, etc. A very handy article. \$1.10.



Rubber Putty Bulb. No. 1, \$1.10; No. 2, 90c; No. 3, 75c; No. 4, 60c; No. 1, Angle, \$1.10; No. 2, \$1.
RUBBER PUTTY BULB, PRICE \$1.10.
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SCOLLAY'S RUBBER PLANT SPRINKLERS.
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If Putty Bulbs, Powder Bulbs or Sprinklers are wanted by mail, add 10c postage on each.

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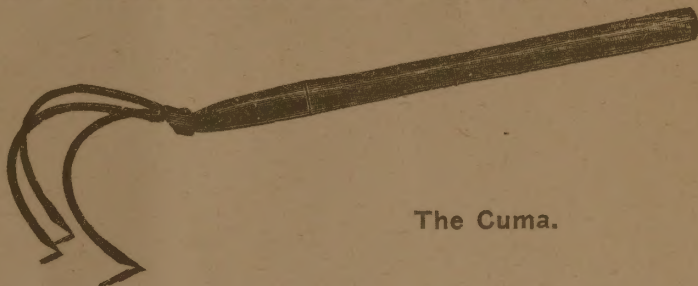
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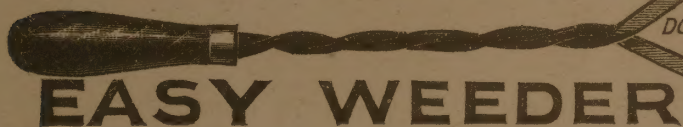
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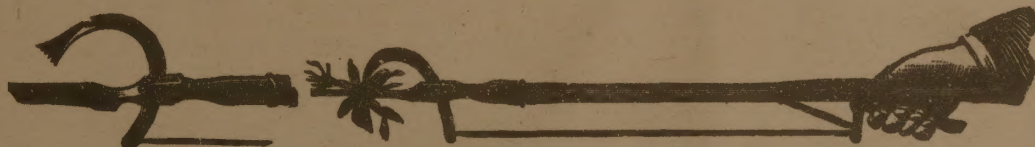


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